



Camp Youth Outcomes Battery

*Measuring
Developmental Outcomes
in Youth Programs*

*Second Edition
(revised)*

DEVELOPED WITH
GENEROUS SUPPORT FROM
THE NOT-FOR-PROFIT COUNCIL

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OVERVIEW

The second edition of the ACA Youth Outcomes Battery (ACA-YOB) provides camps and other youth programs with measures that focus on eleven common youth outcomes. The statistically tested scales are age-appropriate, short and concise, easily administered tools that can be individualized to a camp, afterschool program, or other youth programs. While the battery was designed with the camp setting in mind (e.g., nature-based context, residential nature, small group living, youth focused) the measures are focused on strong youth development outcomes that are not predicated on particular settings.

The YOB can help camp and youth program staff:

- Evaluate program goals
- Document the changes in your youth so that information can be shared with key stakeholders (parents, funders, staff, etc.)
- Demonstrate your commitment to quality programs that make a difference in people's lives
- Meet expectations for trust-worthy instruments (high reliability and validity statistical checks prove the scales accuracy)
- Can be combined to measure socially relevant concepts (Ex. Environmental Leadership could be measured by combining the scales for teamwork, responsibility, independence, problem-solving, and affinity for nature)

Specific Youth Outcomes Measured by the YOB

The YOB focuses on eleven outcomes common to many camps and other youth development programs.

- **Friendship Skills** (i.e., make friends and maintain relationships)
- **Independence** (i.e., rely less on adults and other people for solving problems and for their day-to-day activities)
- **Teamwork** (i.e., become more effective when working in groups of their peers)
- **Family Citizenship** (i.e., encourage attributes important to being a member of a family)
- **Perceived Competence** (i.e., believe that they can be successful in the things they do)
- **Interest in Exploration** (i.e., be more curious, inquisitive, eager to learn new things)
- **Responsibility** (i.e., learn to be accountable for their own actions and mistakes)
- **Affinity for Nature** (i.e., feelings of emotional attraction toward nature)
- **Problem-Solving Confidence** (i.e., believe they have abilities to resolve problems)
- **Camp Connectedness** (i.e., feeling welcomed and supported at camp)
- **Spiritual Well-Being** (i.e., having purpose and meaning in life, transcendence)

SCALE FORMATS

All of the scales are age-appropriate measures that allow camp directors to choose the most relevant outcomes. One version called *Camper Learning* was developed for 6- to 9-year-olds. Two versions were constructed for 10- to 17-year-olds: *Basic Camp Youth Outcomes Scales* and *Detailed Camp Youth Outcomes Scales*.

Camper Learning Scale (for Younger Campers)

- Best for campers 6 to 9 years old
- Staff help the campers complete the survey
- Fourteen questions based on the original seven outcomes appropriately constructed for young children in one scale (Friendship, Family Citizenship, Teamwork, Perceived Competence, Independence, Interest in Exploration, Responsibility)
- Uses an easy, four-point Likert scale
 - **Statistical Note:** *The interview version (for young campers) is best used as a uni-dimensional index of camp learning for young campers. In this format, it exhibited good internal consistency (alpha = .85).*

BASIC VERSION — Camp Youth Outcomes Scales

- For campers who are 10 to 17 years old (works especially well for 10- to 13-year-olds)
- Scales measure gains through the camp experience
- Separate youth outcomes scales that can be mixed and matched based upon a camp's goals
- Uses an easy, five-point Likert scale
- Quick and easy to give (each of the scales generally has five to fourteen questions)
 - **Statistical Note:** *This format offers measures of perceived change (increase) from participation in the camp experience. Each of these instruments produced high reliability coefficients ($\alpha > .90$) and internal and cross-structure analysis support the position that valid inferences about increases in camper skills may be made from these instruments.*

DETAILED VERSION — Camp Youth Outcomes Scales

- For campers who are 10 to 17 years old, but works especially well for 13- to 17-year-olds
- Scales measure gains through the camp experience, plus how much of that gain was due specifically to camp
- Separate youth outcomes scales that can be mixed and matched based upon the camp's goals
- Uses an easy, six-point Likert scale
- Takes longer to complete, because each question has two parts
- Each of the individual youth outcome scales has between five to fourteen two-part questions
 - **Statistical Note:** Results indicate that the instruments that use this format can appropriately be used to measure each of the outcomes. Alpha reliability coefficients are quite high for each of the measures, ranging from .84 to .93.

Standard practices and procedures for developing scales based on classical test theory were followed. All of the outcome measures in both versions exhibited very good internal consistency. Analyses conducted to provide evidence of criterion-related validity consistently supported the use of the scales as proposed. For additional information about the development of the outcomes measures, please visit:

www.ACAcamps.org/members/outcomes/statistical_information.php or send inquiries to research@ACAacamps.org.

Note on the Affinity for Nature Scales

The Affinity for Nature scales vary in format slightly from the other measures. Due to the statistical strength of the items, this scale has a “short version” (five items) and a “long version” (ten items). You can choose either format, and each will perform equally well.

Note on the Camp Connectedness Scale

The Camp Connectedness scale is only appropriate for measuring how much a camper increases in feelings of connectedness as a result of being at a particular camp. Therefore, only the Basic version is available.

TIPS FOR USING THE ACA-YOB SCALES

- Printed at the bottom of each scale is the scale identifier (for example, Affinity for Nature is AN); this label is useful to include for ease of coding.
- These scales may be used individually or in combination with other scales.
- The scales are designed to be used as summative composite measures, where resulting scores represent the campers' perceived changes due to their time spent at camp.
- After selecting the outcome scales of interest, packets can be created with a single camper instruction sheet (it is the same for all scales that use a particular format) followed by the desired outcome measures. Demographics or other questions of specific interest to the camp can easily be added to the last page of the scale packet.
- To administer the scales, campers will need a quiet area, individual copies of the scale, and a writing utensil. After passing the scales out to the campers, the administrator should read the instructions aloud, emphasize the importance of accurate and frank responses to help improve the camp, and answer any questions before instructing the campers to begin.
- After the data are collected, they can be entered into a spreadsheet (available free from ACA at www.ACAcamps.org/members/outcomes/tools) and compiled in a manner useful for the camp. For example if you are entering data from a Basic version scale, data entry will typically involve coding the responses in ascending order from 1–5, where 1 = "Decreased"; 2 = "Did not increase or Decrease"; 3 = "Increased a little bit, Maybe"; 4 = "Increased some, I am sure"; and 5 = "Increased a lot, I am sure."
- After the data are entered, calculate a scale score by simply summing the scores for each item on that scale and finding the average (or if you use the ACA analysis templates, your statistics will be automatically generated). The results can then be used to describe perceived outcomes of the campers or can be compared by other demographic variables (such as age of campers, length of camp session, or the activity base of the camp).

ADMINISTERING THE ACA-YOB SCALES

1. Read the background information about the tools.
2. Decide which version (format) you want to use.
3. Print the instructions for staff.
4. Print the instructions for campers.
5. Print the outcome(s) scale(s).
6. Print the demographics questions (feel free to add your own [see Appendix B]).
7. If you want to combine several scales into a larger survey or possibly combine with other evaluation measures, just cut and paste to make a survey that includes demographic questions or other questions specific to your camp. [Note: Please remember to acknowledge ACA by including the copyright information.]
8. Make as many copies of the survey as you need.
9. Give the survey to your campers (usually the second to the last day of the session is good timing). Gather the campers in a quiet area and make sure you read the instructions. It is important that they understand there is no “wrong” answer.
10. Enter the data into a statistical package OR use the free ACA Excel template provided on the ACA research Web site (www.ACAcamps.org/members/outcomes/tools/).
11. Generate your report.
12. Share your information with your key stakeholders (staff, Board, funders, etc.).
13. Discuss how these findings can help improve your program and influence your staff training.

RESOURCES FOR ACA-YOB DATA ANALYSIS

Microsoft Excel templates have been designed for use with these scales. The following steps detail their use:

- Download the template for whatever version chosen onto your computer (requires Excel).
- Read the instruction sheet (notice the sheets tabs on the bottom of the Excel page).
- Go to the sheet for the outcome(s) selected.
- Enter the data.
- Generate a report with the tables and charts.
- You can always do your own analysis through Excel or other statistical packages.

To access a basic Excel-based data analysis template, go to: www.ACAcamps.org/members/outcomes/tools/.

ESTABLISHED NORMS FOR THE YOB

Camps and other types of youth programs are usually most interested in the outcomes experienced by their youth and how this information demonstrates the impact of their camp or program to stakeholders as well as influence program improvement strategies. However, there are instances when making a comparison to an external “norm” (average) is useful. ACA (through the support of the Not-for-Profit Council) has begun the process of collecting normative data on the ACA Youth Outcomes Battery (YOB). The long term intent is to allow individual camps to compare their scores on the YOB outcomes to representative scores from typical ACA not-for-profit camps. If you are interested in making a comparison between your campers’ scores and the current norms, go to www.ACAcamps.org/research/enhance/youth-outcomes-resources/norms for more information.

IMPORTANT NOTE!

The following pages contain the complete instructions for staff and campers and the outcomes scales for all three formats of the YOB. With the exception of the demographics questions, **none of the individual questions can be altered or omitted**. The statistical tests showed that these questions are the best predictors for that particular outcome. However, you are encouraged to add your own demographic questions (i.e., session, program, race/ethnicity, etc.) to the basic list provided. (A sample of demographic questions is included in Appendix B.)

A note on the use of the word camp: These surveys were originally designed for use in youth camps. However, the content of the surveys are based on tested youth development outcomes' indicators. The word "camp" can be substituted with other settings such as "afterschool program." For more information on the psychometrics of the instruments, please go to www.ACAcamps.org/members/outcomes/statistical_information.php.

CAMPER LEARNING SCALE

(Young Camper: 6 to 9 years old)

Introduction

This set of questions is designed to measure selected camp outcomes of campers as young as 6 years old. It may be helpful with campers as old as 11, but is most often used with campers 6 to 9 years old.

The Camper Learning Scale is a generalized measure of camp-related improvement. The components of camper learning were built around the same seven outcomes used in the original youth outcomes scales (i.e., competence, family citizenship, responsibility, interest in exploration, teamwork, and friendship skills). While the Camper Learning scale provides a composite measure of the extent to which campers believe they improved in these areas, no specific focus on any one outcome is measured due to the developmental stage of these young campers.

Instructions for Conducting the Interview

Surveying young campers actually involves an interview process by a staff member with individual campers. The interview has four distinct phases: preparation, introduction, reading of the question to the camper and getting a response from the camper, and collecting the information. A description of each of these phases follows.

PHASE 1: PREPARATION

Groups of five to eight campers should be formed. Ideally, the interview should be administered by an adult staff member who has not been primarily responsible for those campers. Campers should be seated at a comfortable table (or tables) that will allow them to easily circle responses on a piece of paper. Each camper should be given an answer sheet and a pencil.

PHASE 2: INTRODUCTION

The counselor (or interviewer) should say something similar to the following:

Kids your age go to a lot of different types of camps each summer. Some examples are sports camps, computer camps, art camps, and theater camps. Different campers learn different things at these camps. Some campers, for example, may learn how to play games better and others may learn what it is like to sleep away from home for the first time. Please take a few minutes to think about some of the things that you have learned at camp. Then I will ask if anyone will give some examples of things that she or he has learned.

[Pause for at least twenty seconds, then ask for examples.]

Those are very good examples of things that different campers have learned at camp!

Now, at our camp, we are interested in some specific things or skills that you may have learned at camp, so we need you to circle answers on your answer sheet to each question I ask. I will ask you a total of fourteen questions. As you can see on your answer sheet, you can choose "No," "Maybe," "Yes, a little," or "Yes, a lot" for each question.

Please think carefully about each question. When I ask you a question, if you can't think of a way that camp has helped you learn that skill, circle "No." If you can think of a way that camp MAY [emphasize this word] have helped you with that skill, but you are not sure, circle "Maybe." If you can think of a way that camp has helped you a little bit with that skill, circle "Yes, a little." If you can think of a way that camp has helped you to be a lot better at that skill, circle "Yes, a lot."

Please do your very best to circle the answer that shows exactly what you think. [Emphasize this] This is not a test and no answers are right or wrong. We just want to know what you think about each question. We will use the answers from all of you to make camp better for kids who come to camp after you have gone home. You can do those kids a big favor by giving the answer that shows exactly what you think about each question.

What questions do you have for me before we get started?

[Answer all questions that the campers ask. Be careful to give factual answers and not bias their responses by giving your opinion of how being at camp has changed them]

PHASE 3: QUESTION READING AND RESPONSE

This phase involves reading each question to campers and tracking to be sure they mark the correct place on their answer sheets. This “tracking” can be facilitated by asking campers to put their finger on the number of the question that they are considering and then marking the answer that is to the right of that number. The counselor (or interviewer) should say something similar to the following:

Please put your finger on the number 1. The first question that I have for you is,

[Read very slowly and clearly.]

“At camp, did you learn how to be better at making friends?”

[Pause for a few seconds.]

Please think about that question and circle “I didn’t learn anything about this,” “I’m not sure,” “I learned a little about this,” or “I learned a lot about this,” depending on what your best answer is. Again, remember that no answers are right or wrong. We just want to know what you think about each question.

[Pause until everyone has marked a response. Answer any questions that campers have about the meaning of words. Be very careful to not bias responses by suggesting answers or reminding campers of specific experiences that they may have had. Finally, check to be sure that each camper has marked a response for question 1.]

Now put your finger on the number 2 on your answer sheet. The next question is...

[Read question 2 from the list of questions on the next page. Repeat this procedure until responses have been provided for all fourteen questions.]

PHASE 4: COLLECTION

Collect the answer sheets from all campers. Invite them to ask questions. Answer the questions as completely as possible, and then thank campers for making camp a better experience for future campers by contributing their thoughts through the interview.

Remember to enter the answers to the scales in the data analysis template. Find the link to the data analysis template, instructions, and scales at ACA’s outcomes page at www.ACAcamps.org/research/enhance/youth-outcomes-resources. Also remember to include any demographic questions that you want to ask.

CAMPER LEARNING SCALE

Interview Questions

1.	At camp, did you learn how to be better at making friends?
2.	At camp, did you learn to feel good about things that you do well?
3.	At camp, did you learn that you can be good at some things that you didn't know you were good at?
4.	At camp, did you learn how to do more without your parents' help?
5.	At camp, did you learn to fix mistakes when you make them?
6.	At camp, did you learn to do more to help other members of your family?
7.	At camp, did you learn to look forward to trying new activities?
8.	At camp, did you learn to be better at doing things with groups of other kids?
9.	At camp, did you learn to be better at admitting when you do something wrong?
10.	At camp, did you learn to want to meet new people?
11.	At camp, did you learn how to get along with other kids when you are in a group?
12.	At camp, did you learn things that you can do to help someone in your family?
13.	At camp, did you learn how to be a better friend to other people?
14.	At camp, did you learn how to do more for yourself?

Camper Learning
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CAMPER LEARNING SCALE

My Best Answers

Camper Answer Sheet

1.	I didn't learn anything about this	I'm not sure	I learned a little about this	I learned a lot about this
2.	I didn't learn anything about this	I'm not sure	I learned a little about this	I learned a lot about this
3.	I didn't learn anything about this	I'm not sure	I learned a little about this	I learned a lot about this
4.	I didn't learn anything about this	I'm not sure	I learned a little about this	I learned a lot about this
5.	I didn't learn anything about this	I'm not sure	I learned a little about this	I learned a lot about this
6.	I didn't learn anything about this	I'm not sure	I learned a little about this	I learned a lot about this
7.	I didn't learn anything about this	I'm not sure	I learned a little about this	I learned a lot about this
8.	I didn't learn anything about this	I'm not sure	I learned a little about this	I learned a lot about this
9.	I didn't learn anything about this	I'm not sure	I learned a little about this	I learned a lot about this
10.	I didn't learn anything about this	I'm not sure	I learned a little about this	I learned a lot about this
11.	I didn't learn anything about this	I'm not sure	I learned a little about this	I learned a lot about this
12.	I didn't learn anything about this	I'm not sure	I learned a little about this	I learned a lot about this
13.	I didn't learn anything about this	I'm not sure	I learned a little about this	I learned a lot about this
14.	I didn't learn anything about this	I'm not sure	I learned a little about this	I learned a lot about this

BASIC VERSION — CAMPER OUTCOMES SCALES

(Older Campers: 10 to 17 years old)

Introduction

This set of questions is designed to measure selected camp outcomes of campers from 10 to 17 years old. With this information, it is possible to measure the outcomes in the following areas. There is a separate set of camper questions (i.e., separate survey tool) for each of these outcomes. You can select and combine any of these individual surveys to meet the intentional focus of your program. For example, your program may have targeted making friends and teamwork. You can select and combine just those two surveys to meet your needs.

Outcome and Description of Scale (Abbreviation)	No. of Questions in Scale
Friendship Skills (FR): Have camp experiences helped campers develop skills in making friends and maintaining friendships?	14
Independence (I): Have camp experiences helped campers learn to depend less on adults and other people for solving problems and for their day-to-day activities?	8
Teamwork (T): Have camp experiences helped campers learn to be more effective when working in groups of their peers?	8
Family Citizenship (FCB): Have camp experiences helped campers become better citizens when they are with their families?	6
Perceived Competence (PC): Have camp experiences helped campers believe that they can be successful in the things they do?	8
Interest in Exploration (IE): Have camp experiences helped campers be more curious, inquisitive, and eager to learn new things?	8
Responsibility (R): Have camp experiences helped campers learn to be better at taking responsibility for their own actions and mistakes?	6
Affinity for Nature (AN): Have camp experiences helped campers to feel a greater emotional attraction to nature?	10/5
Problem-Solving Confidence (PSC): Have camp experiences helped campers feel more confident in their problem-solving capabilities?	8
Camp Connectedness (CC): Do campers feel welcomed and supported at camp?	12
Spiritual Well-Being (SW): Have camp experiences helped campers feel greater spiritual well-being?	6

Instructions

Surveying older campers has four phases: preparation, introduction, the actual survey, and collecting the information. A description of each of these phases follows.

PHASE 1: PREPARATION

The survey should be administered by an adult staff member who is familiar with the survey process. Campers should be seated at a comfortable table (or tables) with space for them to write (circle answers) on a piece of paper. Each camper should be given a survey sheet and a pencil.

PHASE 2: INTRODUCTION

The counselor should say something similar to the following:

Many different types of camps are available for young people to attend every year. These camps are fun, and they sometimes help campers to change by learning things about themselves. We want to know if you believe that you have changed as a result of being a camper at this camp. Knowing the ways that campers have changed will help us make camp better for future campers.

Please carefully read each question and then fill in the circle that shows if and how much your experience as a camper changed you in terms of that statement. You will get to choose from these responses:

If your skill or ability in this decreased	“Decreased”
If your skill did not increase or decrease	“Did not increase or decrease”
If your skill increased a little bit	“Increased a little bit, maybe”
If your skill increased some on this	“Increased some, I am sure”
If your skill increased a lot on this	“Increased a lot, I am sure”

What questions do you have for me before we get started?

[Pause and answer any questions.]

Please think carefully about each of your answers. It is important to be accurate, but no answers are right or wrong.

PHASE 3: CAMPERS READ AND CIRCLE ANSWERS TO QUESTIONS

This phase involves handing out the scales and pencils, and telling the campers to begin.

PHASE 4: COLLECTION

Collect the answer sheets from all campers. Invite them to ask questions. Answer the questions as completely as possible and then thank campers for making camp a better experience for future campers by contributing their thoughts.

Remember to enter the answers to the scales in the correct data analysis template (e.g., answers to Friendship skills scale will go in the Friendship data analysis template). You'll find the scale category (e.g., Friendship) in small type at the bottom of each scale. Find the link to ACA's outcomes analysis templates and instructions at www.ACAcamps.org/members/outcomes/tools.

INSTRUCTIONS TO THE CAMPER

PLEASE READ THESE INSTRUCTIONS BEFORE TURNING THE PAGE AND BEGINNING THE SURVEY

This survey will ask you about your experiences while at camp. Camps are fun, and they sometimes help campers to change by learning things about themselves. We want to know if you believe that you have changed as a result of being a camper at this camp. Knowing the ways that campers have changed will help us make camp better for next year's campers.

Please carefully read each question and then fill in the circle that shows how much you believe your experience as a camper changed you in terms of that statement. As you will see, each of your responses will be one of the following:

If your skill or ability in this decreased	"Decreased"
If your skill did not increase or decrease	"Did not increase or decrease"
If your skill increased a little bit	"Increased a little bit, maybe"
If your skill increased some on this	"Increased some, I am sure"
If your skill increased a lot on this	"Increased a lot, I am sure"

In this example, the camper thought that she did not increase or decrease in her ability to play soccer.

	Decreased	Did Not Increase or Decrease	Increased a Little Bit, Maybe	Increased Some, I am Sure	Increased a Lot, I am Sure
1. Becoming better at playing soccer.	<input type="radio"/>	<input checked="" type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>

Please think carefully about each of your answers. It is very important to be accurate. No answers are right or wrong. Please put down what you think for each question.

IF YOU DO NOT UNDERSTAND THE INSTRUCTIONS, PLEASE ASK FOR HELP. IF YOU DO UNDERSTAND, TURN THE PAGE AND BEGIN.

Family Citizenship (FCB) — Basic Format

How has your camp experience affected your plans to . . .

	Decreased	Did Not Increase or Decrease	Increased a Little Bit, Maybe	Increased Some, I am Sure	Increased a Lot, I am Sure
1. Act respectfully toward other members of my family?	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
2. Be nice to other members of my family?	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
3. Do all of the things that my family expects me to do?	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
4. Help with things at home, even when my family members don't ask me to?	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
5. Do things that make our home a better place to live without being asked?	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
6. Help other members of my family without being asked?	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>

Basic Camper Outcomes Scales — Family Citizenship (FCB)

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Friendship Skills (FR) — Basic Format

How much, if any, has your experience as a camper in this camp changed you in each of the following ways?

	Decreased	Did Not Increase or Decrease	Increased a Little Bit, Maybe	Increased Some, I am Sure	Increased a Lot, I am Sure
1. Becoming better at choosing people who would be good to be friends with	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
2. Becoming better at talking to friends about things that are important to them	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
3. Becoming better at listening carefully to things that my friends tell me	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
4. Becoming better at talking to friends about things that are important to me	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
5. Becoming better at getting to know more things about my friends	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
6. Becoming better at understanding my friends' feelings	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
7. Becoming better at understanding my friends' emotions	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
8. Becoming better at trusting my friends	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
9. Becoming better at being trusted by my friends	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>

Basic Camper Outcomes Scales — Friendship Skills (FR) — Page 1 of 2

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How much, if any, has your experience as a camper in this camp changed you in each of the following ways?

	Decreased	Did Not Increase or Decrease	Increased a Little Bit, Maybe	Increased Some, I am Sure	Increased a Lot, I am Sure
10. Becoming better at enjoying being with my friends	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
11. Becoming better at helping my friends to have a good time when they are with me	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
12. Becoming better at finding ways to meet people who I want to be friends with	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
13. Becoming better at getting to know people who I might want to become friends with	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
14. Becoming better at finding friends who like many of the same things that I like	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>

Basic Camper Outcomes Scales — Friendship Skills (FR) — Page 2 of 2

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Independence (I) — Basic Format

How much, if any, has your experience as a camper in this camp changed you in each of the following ways?

	Decreased	Did Not Increase or Decrease	Increased a Little Bit, Maybe	Increased Some, I am Sure	Increased a Lot, I am Sure
1. Needing less help from adults	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
2. Taking care of myself	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
3. Being less dependent on my family	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
4. Making good decisions even when members of my family are not around to help me	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
5. Making decisions without adults helping me	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
6. Making decisions by myself	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>

Basic Camper Outcomes Scales — Independence (I)

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Interest in Exploration (IE) — Basic Format

How much, if any, has your experience as a camper in this camp changed you in each of the following ways?

	Decreased	Did Not Increase or Decrease	Increased a Little Bit, Maybe	Increased Some, I am Sure	Increased a Lot, I am Sure
1. Wanting to meet new people	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
2. Looking forward to learning new activities	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
3. Wanting to learn more about new ideas	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
4. Enjoying getting to know new people	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
5. Wanting to travel to places that you have never been before	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
6. Wanting to do new things	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
7. Wanting to think about new things	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
8. Wanting to visit places that are different from where I live	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>

Basic Camper Outcomes Scales — Interest in Exploration (IE)

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Perceived Competence (PC) — Basic Format

How much, if any, has your experience as a camper in this camp changed you in each of the following ways?

	Decreased	Did Not Increase or Decrease	Increased a Little Bit, Maybe	Increased Some, I am Sure	Increased a Lot, I am Sure
1. Becoming better at thinking of new things to do in my free time	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
2. Becoming better at understanding new information	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
3. Becoming better at doing art projects	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
4. Becoming better at doing recreation activities	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
5. Becoming better at doing recreation activities with other people	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
6. Becoming better at meeting new people	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
7. Becoming better at taking care of myself	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
8. Becoming better at learning new things	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>

Basic Camper Outcomes Scales — Perceived Competence (PC)

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Responsibility (R) — Basic Format

How much, if any, has your experience as a camper in this camp changed you in each of the following ways?

	Decreased	Did Not Increase or Decrease	Increased a Little Bit, Maybe	Increased Some, I am Sure	Increased a Lot, I am Sure
1. Being more responsible for my actions	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
2. Making things right if I mess something up	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
3. Fixing my own mistakes	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
4. Owning up to my mistakes	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
5. Not blaming others for mistakes I make	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
6. Apologizing if I hurt someone's feelings	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>

Basic Camper Outcomes Scales — Responsibility (R)

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Teamwork (T) — Basic Format

How much, if any, has your experience as a camper in this camp changed you in each of the following ways?

	Decreased	Did Not Increase or Decrease	Increased a Little Bit, Maybe	Increased Some, I am Sure	Increased a Lot, I am Sure
1. Placing group goals above the things that I want	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
2. Working well with others	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
3. Helping others succeed	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
4. Cooperating with others	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
5. Being helpful in small groups of kids my age	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
6. Helping a group be successful	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
7. Supporting a group when they have selected an activity that I don't want to do	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
8. Appreciating opinions that are different from my own	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>

Basic Camper Outcomes Scales — Teamwork (T)
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Affinity for Nature (AN) — Basic Format

(FULL VERSION)

How much, if any, has your experience as a camper in this camp changed you in each of the following ways?

	Decreased	Did Not Increase or Decrease	Increased a Little Bit, Maybe	Increased Some, I am Sure	Increased a Lot, I am Sure
1. Enjoying the outdoors	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
2. Liking nature	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
3. My desire to spend time outdoors	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
4. My attraction to nature	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
5. Feelings of safety in nature	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
6. Comfort in the outdoors	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
7. Feeling free when I am outdoors	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
8. Enjoying the freedom of being outside	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
9. Feeling part of the natural world	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
10. Feeling connected to the natural environment	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>

Basic Camper Outcomes Scales — Affinity for Nature (AN) (full)
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Affinity for Nature (AN) — Basic Format

(SHORT VERSION)

How much, if any, has your experience as a camper in this camp changed you in each of the following ways?

	Decreased	Did Not Increase or Decrease	Increased a Little Bit, Maybe	Increased Some, I am Sure	Increased a Lot, I am Sure
1. Liking nature	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
2. My desire to spend time outdoors	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
3. Comfort in the outdoors	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
4. Enjoying the freedom of being outside	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
5. Feeling connected to the natural environment	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>

Basic Camper Outcomes Scales — Affinity for Nature (AN) (short)
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Problem-Solving Confidence (PSC) — Basic Format

How much, if any, has your experience as a camper in this camp changed you in each of the following ways?

	Decreased	Did Not Increase or Decrease	Increased a Little Bit, Maybe	Increased Some, I am Sure	Increased a Lot, I am Sure
1. When I have a problem I know the source	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
2. When I have a problem I look for the things that might be causing it	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
3. When I have a problem I stop and think about options before making a decision	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
4. When I have a problem I think of different ideas and combine some to make the best decision	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
5. When I have a problem I choose a realistic plan	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
6. When I have a problem I make good choices about what to do	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
7. After dealing with a problem I check to see if the problem has gotten better	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
8. After dealing with a problem I consider how it worked out	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>

(scale PSC-B)

Basic Camper Outcomes Scales — Problem-Solving Confidence (PSC)

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Camp Connectedness (CC) — Basic Format

WHILE AT THIS CAMP . . .

	False	Somewhat False	A little False	A little True	Somewhat True	True
1. The staff listen to me	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
2. I am treated fairly by staff	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
3. I am happy	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
4. I have a good time	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
5. I get to make decisions	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
6. I make choices that make a difference	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
7. I like the other kids	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
8. Other campers respect me	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
9. People are interested in me	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
10. I feel like I belong	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
11. I feel safe to express myself	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
12. I am respected for who I am	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>

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Basic Version Camp Connectedness (CC-Basic)
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Spiritual Well-being (SW) — Basic Format

How much, if any, has your experience as a camper in this camp changed you in each of the following ways?

	Decreased	Did Not Increase or Decrease	Increased a Little Bit, Maybe	Increased Some, I am Sure	Increased a Lot, I am Sure
1. I have a meaningful relationship with God	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
2. I feel very close to God	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
3. I get personal strength and support from God	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
4. I am able to find meaning and purpose in my life	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
5. I have real direction in my life	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
6. Life makes sense to me	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>

(scale SW-B)

Basic Camper Outcomes Scales — Spiritual Well-being (SW-B)

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DETAILED VERSION — CAMPER OUTCOMES SCALES (Older Campers: 10 to 17 years old)

Introduction

This set of questions is designed to measure selected camp outcomes of campers from 10 to 17 years old. With this information, it is possible to measure the outcomes in the following areas. There is a separate set of camper questions (i.e., separate survey tool) for each of these outcomes. You can select and combine any of these individual surveys to meet the intentional focus of your program. For example, your program may have targeted making friends and teamwork. You can select and combine just those two surveys to meet your needs.

Outcome and Description of Scale (Abbreviation)	No. of Questions in Scale
Friendship Skills (FR): Have camp experiences helped campers develop skills in making friends and maintaining friendships?	14
Independence (I): Have camp experiences helped campers learn to depend less on adults and other people for solving problems and for their day-to-day activities?	8
Teamwork (T): Have camp experiences helped campers learn to be more effective when working in groups of their peers?	8
Family Citizenship (FCB): Have camp experiences helped campers become better citizens when they are with their families?	6
Perceived Competence (PC): Have camp experiences helped campers believe that they can be successful in the things they do?	8
Interest in Exploration (IE): Have camp experiences helped campers be more curious, inquisitive, and eager to learn new things?	8
Responsibility (R): Have camp experiences helped campers learn to be better at taking responsibility for their own actions and mistakes?	6
Affinity for Nature (AN): Have camp experiences helped campers to feel a greater emotional attraction to nature?	10/5
Problem-Solving Confidence (PSC): Have camp experiences helped campers feel more confident in their problem-solving capabilities?	8
Camp Connectedness (CC): Do campers feel welcomed and supported at camp?	12
Spiritual Well-Being (SW): Have camp experiences helped campers feel greater spiritual well-being?	6

Instructions

Surveying older campers has four phases: preparation, introduction, the actual survey, and collecting the information. A description of each of these phases follows.

PHASE 1: PREPARATION

The survey should be administered by an adult staff member who is familiar with the survey process. Campers should be seated at a comfortable table (or tables) with space for them to write (circle answers) on a piece of paper. Each camper should be given a survey sheet and a pencil.

PHASE 2: INTRODUCTION

The counselor should say something similar to the following:

Many different types of camps are available for young people to attend every year. These camps are fun, and they sometimes help campers to change by learning things about themselves. We want to know if you believe that you have changed as a result of being a camper at this camp. Knowing the ways that campers have changed will help us make camp better for future campers.

Please carefully read each question and then circle the answer that best fits. As you will see, each of the questions has two parts. The first part is about you. The second part, which appears just below the first part, asks you to think about yourself before and after you have been to camp. Look at the example.

The parts are explained again on the Instructions page. Please be sure to answer both parts of each question.

What questions do you have for me before we get started?

[Pause and answer any questions.]

PHASE 3: CAMPERS READ AND CIRCLE ANSWERS TO QUESTIONS

This phase involves handing out the scales and pencils and telling the campers to begin.

PHASE 4: COLLECTION

Collect the answer sheets from all campers. Invite them to ask questions. Answer the questions as completely as possible, and then thank campers for making camp a better experience for future campers by contributing their thoughts.

Remember to enter the answers to the scales in the correct data analysis template (e.g., answers to Friendship skills scale will go in the Friendship data analysis template). You'll find the scale category (e.g., Friendship) in small type at the bottom of each scale. Find the link to ACA's outcomes analysis templates and instructions at www.ACAcamps.org/members/outcomes/tools.

INSTRUCTIONS TO THE CAMPER

PLEASE READ THESE INSTRUCTIONS BEFORE TURNING THE PAGE AND BEGINNING THE SURVEY

This survey will ask you about your experiences while at camp. The format of this survey is a bit different than you might be used to, so please take a moment to examine the sample question below.

Each question has two parts. The first part is about you. The second part, which appears just below the first part, asks you to think about yourself before and after you went to camp. Look at the example.

For the first part of example question **(B)** below, the camper indicated that the statement **“I enjoy being outdoors”** is a little false and circled **A little False**.

For the second part of the question, the camper indicated that the statement is **somewhat more** true today than it was before camp by circling **Somewhat more**. This answer would indicate that while this camper probably prefers doing things indoors, she believes that camp helped her to enjoy the outdoors somewhat more today than before camp.

B) I enjoy being outdoors	False	Somewhat False	A Little False	A Little True	Somewhat True	True
Is the above statement more or less true today than before camp?	A lot less	Somewhat less	A little less	A little more	Somewhat more	A lot more

As you begin, please think carefully about each of your answers. It is very important to be accurate. No answers are right or wrong, and everyone will have different answers. Please put down what you actually think for each question.

Your responses are important to making camp better for future campers and, by carefully completing this survey, you can help us make camp better.

IF YOU DO NOT UNDERSTAND THE INSTRUCTIONS, PLEASE ASK FOR HELP. IF YOU DO UNDERSTAND, TURN THE PAGE AND BEGIN.

Family Citizenship (FCB) — Detailed Format

Camper Questions

1.	When I go home, I plan to act respectfully toward other members of my family	False	Somewhat False	A Little False	A Little True	Somewhat True	True
	Is the above statement more or less true today than before camp?	A Lot Less	Somewhat Less	A Little Less	A Little More	Somewhat More	A Lot More
2.	When I go home, I plan to be nice to other members of my family	False	Somewhat False	A Little False	A Little True	Somewhat True	True
	Is the above statement more or less true today than before camp?	A Lot Less	Somewhat Less	A Little Less	A Little More	Somewhat More	A Lot More
3.	When I go home, I plan to do all of the things that my family expects me to do	False	Somewhat False	A Little False	A Little True	Somewhat True	True
	Is the above statement more or less true today than before camp?	A Lot Less	Somewhat Less	A Little Less	A Little More	Somewhat More	A Lot More
4.	When I go home, I plan to help with things, even when my family members don't ask me to	False	Somewhat False	A Little False	A Little True	Somewhat True	True
	Is the above statement more or less true today than before camp?	A Lot Less	Somewhat Less	A Little Less	A Little More	Somewhat More	A Lot More
5.	When I go home, I plan to do things that make our home a better place to live without being asked	False	Somewhat False	A Little False	A Little True	Somewhat True	True
	Is the above statement more or less true today than before camp?	A Lot Less	Somewhat Less	A Little Less	A Little More	Somewhat More	A Lot More
6.	When I go home, I plan to help other members of my family without being asked	False	Somewhat False	A Little False	A Little True	Somewhat True	True
	Is the above statement more or less true today than before camp?	A Lot Less	Somewhat Less	A Little Less	A Little More	Somewhat More	A Lot More

Detailed Camper Outcomes Scales — Family Citizenship (FCS)

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Friendship Skills (FR) — Detailed Format

Camper Questions

1.	I am good at choosing people who would be good to be friends with	False	Somewhat False	A Little False	A Little True	Somewhat True	True
	Is the above statement more or less true today than before camp?	A Lot Less	Somewhat Less	A Little Less	A Little More	Somewhat More	A Lot More
2.	I am good at talking to friends about things that are important to them	False	Somewhat False	A Little False	A Little True	Somewhat True	True
	Is the above statement more or less true today than before camp?	A Lot Less	Somewhat Less	A Little Less	A Little More	Somewhat More	A Lot More
3.	I am good at listening carefully to things that my friends tell me	False	Somewhat False	A Little False	A Little True	Somewhat True	True
	Is the above statement more or less true today than before camp?	A Lot Less	Somewhat Less	A Little Less	A Little More	Somewhat More	A Lot More
4.	I am good at talking to friends about things that are important to me	False	Somewhat False	A Little False	A Little True	Somewhat True	True
	Is the above statement more or less true today than before camp?	A Lot Less	Somewhat Less	A Little Less	A Little More	Somewhat More	A Lot More
5.	I am good at getting to know more things about my friends	False	Somewhat False	A Little False	A Little True	Somewhat True	True
	Is the above statement more or less true today than before camp?	A Lot Less	Somewhat Less	A Little Less	A Little More	Somewhat More	A Lot More
6.	I am good at understanding my friends' feelings	False	Somewhat False	A Little False	A Little True	Somewhat True	True
	Is the above statement more or less true today than before camp?	A Lot Less	Somewhat Less	A Little Less	A Little More	Somewhat More	A Lot More
7.	I am good at trusting my friends	False	Somewhat False	A Little False	A Little True	Somewhat True	True
	Is the above statement more or less true today than before camp?	A Lot Less	Somewhat Less	A Little Less	A Little More	Somewhat More	A Lot More
8.	I am good at being trusted by my friends	False	Somewhat False	A Little False	A Little True	Somewhat True	True
	Is the above statement more or less true today than before camp?	A Lot Less	Somewhat Less	A Little Less	A Little More	Somewhat More	A Lot More

Detailed Camper Outcomes Scales — Friendship (FR) — page 1 of 2

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9.	I am good at enjoying being with my friends	False	Somewhat False	A Little False	A Little True	Somewhat True	True
	Is the above statement more or less true today than before camp?	A Lot Less	Somewhat Less	A Little Less	A Little More	Somewhat More	A Lot More
10.	I am good at helping my friends have a good time when they are with me	False	Somewhat False	A Little False	A Little True	Somewhat True	True
	Is the above statement more or less true today than before camp?	A Lot Less	Somewhat Less	A Little Less	A Little More	Somewhat More	A Lot More
11.	I am good at finding ways to meet people who I want to be friends with	False	Somewhat False	A Little False	A Little True	Somewhat True	True
	Is the above statement more or less true today than before camp?	A Lot Less	Somewhat Less	A Little Less	A Little More	Somewhat More	A Lot More
12.	I am good at getting to know people who I might want to become friends with	False	Somewhat False	A Little False	A Little True	Somewhat True	True
	Is the above statement more or less true today than before camp?	A Lot Less	Somewhat Less	A Little Less	A Little More	Somewhat More	A Lot More
13.	I am good at finding friends who like many of the same things that I like	False	Somewhat False	A Little False	A Little True	Somewhat True	True
	Is the above statement more or less true today than before camp?	A Lot Less	Somewhat Less	A Little Less	A Little More	Somewhat More	A Lot More

Detailed Camper Outcomes Scales — Friendship (FR) — page 2 of 2

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Independence (I) — Detailed Format

Camper Questions

1.	I am comfortable being away from my family	False	Somewhat False	A Little False	A Little True	Somewhat True	True
	Is the above statement more or less true today than before camp?	A Lot Less	Somewhat Less	A Little Less	A Little More	Somewhat More	A Lot More
2.	I can make good decisions even when members of my family aren't around to help me	False	Somewhat False	A Little False	A Little True	Somewhat True	True
	Is the above statement more or less true today than before camp?	A Lot Less	Somewhat Less	A Little Less	A Little More	Somewhat More	A Lot More
3.	I don't need adults to help me do things	False	Somewhat False	A Little False	A Little True	Somewhat True	True
	Is the above statement more or less true today than before camp?	A Lot Less	Somewhat Less	A Little Less	A Little More	Somewhat More	A Lot More
4.	I can do things on my own	False	Somewhat False	A Little False	A Little True	Somewhat True	True
	Is the above statement more or less true today than before camp?	A Lot Less	Somewhat Less	A Little Less	A Little More	Somewhat More	A Lot More
5.	I am independent	False	Somewhat False	A Little False	A Little True	Somewhat True	True
	Is the above statement more or less true today than before camp?	A Lot Less	Somewhat Less	A Little Less	A Little More	Somewhat More	A Lot More
6.	I can solve problems without help from my friends	False	Somewhat False	A Little False	A Little True	Somewhat True	True
	Is the above statement more or less true today than before camp?	A Lot Less	Somewhat Less	A Little Less	A Little More	Somewhat More	A Lot More
7.	I can make decisions by myself	False	Somewhat False	A Little False	A Little True	Somewhat True	True
	Is the above statement more or less true today than before camp?	A Lot Less	Somewhat Less	A Little Less	A Little More	Somewhat More	A Lot More
8.	I can make decisions without adults helping me	False	Somewhat False	A Little False	A Little True	Somewhat True	True
	Is the above statement more or less true today than before camp?	A Lot Less	Somewhat Less	A Little Less	A Little More	Somewhat More	A Lot More

Detailed Camper Outcomes Scales — Independence (I)

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Interest in Exploration (IE) — Detailed Format

Camper Questions

1.	I want to meet new people	False	Somewhat False	A Little False	A Little True	Somewhat True	True
	Is the above statement more or less true today than before camp?	A Lot Less	Somewhat Less	A Little Less	A Little More	Somewhat More	A Lot More
2.	I enjoy getting to know new people	False	Somewhat False	A Little False	A Little True	Somewhat True	True
	Is the above statement more or less true today than before camp?	A Lot Less	Somewhat Less	A Little Less	A Little More	Somewhat More	A Lot More
3.	I would like to travel to places I've never been before	False	Somewhat False	A Little False	A Little True	Somewhat True	True
	Is the above statement more or less true today than before camp?	A Lot Less	Somewhat Less	A Little Less	A Little More	Somewhat More	A Lot More
4.	I want to visit places that are different from where I live	False	Somewhat False	A Little False	A Little True	Somewhat True	True
	Is the above statement more or less true today than before camp?	A Lot Less	Somewhat Less	A Little Less	A Little More	Somewhat More	A Lot More
5.	I look forward to learning to do new activities	False	Somewhat False	A Little False	A Little True	Somewhat True	True
	Is the above statement more or less true today than before camp?	A Lot Less	Somewhat Less	A Little Less	A Little More	Somewhat More	A Lot More
6.	I want to do new things	False	Somewhat False	A Little False	A Little True	Somewhat True	True
	Is the above statement more or less true today than before camp?	A Lot Less	Somewhat Less	A Little Less	A Little More	Somewhat More	A Lot More
7.	I want to learn more about new ideas	False	Somewhat False	A Little False	A Little True	Somewhat True	True
	Is the above statement more or less true today than before camp?	A Lot Less	Somewhat Less	A Little Less	A Little More	Somewhat More	A Lot More
8.	I look forward to thinking about new things	False	Somewhat False	A Little False	A Little True	Somewhat True	True
	Is the above statement more or less true today than before camp?	A Lot Less	Somewhat Less	A Little Less	A Little More	Somewhat More	A Lot More

Detailed Camper Outcomes Scales — Interest in Exploration (IE)

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Perceived Competence (PC) — Detailed Format

Camper Questions

1.	I am good at thinking of new things to do in my free time	False	Somewhat False	A Little False	A Little True	Somewhat True	True
	Is the above statement more or less true today than before camp?	A Lot Less	Somewhat Less	A Little Less	A Little More	Somewhat More	A Lot More
2.	I am good at understanding new information	False	Somewhat False	A Little False	A Little True	Somewhat True	True
	Is the above statement more or less true today than before camp?	A Lot Less	Somewhat Less	A Little Less	A Little More	Somewhat More	A Lot More
3.	I am good at doing art projects	False	Somewhat False	A Little False	A Little True	Somewhat True	True
	Is the above statement more or less true today than before camp?	A Lot Less	Somewhat Less	A Little Less	A Little More	Somewhat More	A Lot More
4.	I am good at doing recreation activities	False	Somewhat False	A Little False	A Little True	Somewhat True	True
	Is the above statement more or less true today than before camp?	A Lot Less	Somewhat Less	A Little Less	A Little More	Somewhat More	A Lot More
5.	I am good at doing recreation activities with other people	False	Somewhat False	A Little False	A Little True	Somewhat True	True
	Is the above statement more or less true today than before camp?	A Lot Less	Somewhat Less	A Little Less	A Little More	Somewhat More	A Lot More
6.	I am good at meeting new people	False	Somewhat False	A Little False	A Little True	Somewhat True	True
	Is the above statement more or less true today than before camp?	A Lot Less	Somewhat Less	A Little Less	A Little More	Somewhat More	A Lot More
7.	I am good at taking care of myself	False	Somewhat False	A Little False	A Little True	Somewhat True	True
	Is the above statement more or less true today than before camp?	A Lot Less	Somewhat Less	A Little Less	A Little More	Somewhat More	A Lot More
8.	I am good at learning new things	False	Somewhat False	A Little False	A Little True	Somewhat True	True
	Is the above statement more or less true today than before camp?	A Lot Less	Somewhat Less	A Little Less	A Little More	Somewhat More	A Lot More

Detailed Camper Outcomes Scales — Perceived Confidence (PC)

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Responsibility (R) — Detailed Format

Camper Questions

1.	I accept responsibility for my actions	False	Somewhat False	A Little False	A Little True	Somewhat True	True
	Is the above statement more or less true today than before camp?	A Lot Less	Somewhat Less	A Little Less	A Little More	Somewhat More	A Lot More
2.	I own up to my mistakes	False	Somewhat False	A Little False	A Little True	Somewhat True	True
	Is the above statement more or less true today than before camp?	A Lot Less	Somewhat Less	A Little Less	A Little More	Somewhat More	A Lot More
3.	I don't blame others for my mistakes	False	Somewhat False	A Little False	A Little True	Somewhat True	True
	Is the above statement more or less true today than before camp?	A Lot Less	Somewhat Less	A Little Less	A Little More	Somewhat More	A Lot More
4.	If I mess something up, I try to make things right	False	Somewhat False	A Little False	A Little True	Somewhat True	True
	Is the above statement more or less true today than before camp?	A Lot Less	Somewhat Less	A Little Less	A Little More	Somewhat More	A Lot More
5.	If I make a mistake, I try to fix it	False	Somewhat False	A Little False	A Little True	Somewhat True	True
	Is the above statement more or less true today than before camp?	A Lot Less	Somewhat Less	A Little Less	A Little More	Somewhat More	A Lot More
6.	If I hurt someone's feelings, I apologize	False	Somewhat False	A Little False	A Little True	Somewhat True	True
	Is the above statement more or less true today than before camp?	A Lot Less	Somewhat Less	A Little Less	A Little More	Somewhat More	A Lot More

Detailed Camper Outcomes Scales — Responsibility (R)

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Teamwork (T) — Detailed Format

Camper Questions

1.	I can be a good group leader	False	Somewhat False	A Little False	A Little True	Somewhat True	True
	Is the above statement more or less true today than before camp?	A Lot Less	Somewhat Less	A Little Less	A Little More	Somewhat More	A Lot More
2.	I can help a group be successful	False	Somewhat False	A Little False	A Little True	Somewhat True	True
	Is the above statement more or less true today than before camp?	A Lot Less	Somewhat Less	A Little Less	A Little More	Somewhat More	A Lot More
3.	I can be happy even when my group has decided to do something I don't want to do	False	Somewhat False	A Little False	A Little True	Somewhat True	True
	Is the above statement more or less true today than before camp?	A Lot Less	Somewhat Less	A Little Less	A Little More	Somewhat More	A Lot More
4.	I can appreciate opinions that are different from my own	False	Somewhat False	A Little False	A Little True	Somewhat True	True
	Is the above statement more or less true today than before camp?	A Lot Less	Somewhat Less	A Little Less	A Little More	Somewhat More	A Lot More
5.	I can place group goals above the things that I want	False	Somewhat False	A Little False	A Little True	Somewhat True	True
	Is the above statement more or less true today than before camp?	A Lot Less	Somewhat Less	A Little Less	A Little More	Somewhat More	A Lot More
6.	I can cooperate with others	False	Somewhat False	A Little False	A Little True	Somewhat True	True
	Is the above statement more or less true today than before camp?	A Lot Less	Somewhat Less	A Little Less	A Little More	Somewhat More	A Lot More
7.	I can be a team-player in a small group	False	Somewhat False	A Little False	A Little True	Somewhat True	True
	Is the above statement more or less true today than before camp?	A Lot Less	Somewhat Less	A Little Less	A Little More	Somewhat More	A Lot More
8.	I know I can get along with other people in a small group	False	Somewhat False	A Little False	A Little True	Somewhat True	True
	Is the above statement more or less true today than before camp?	A Lot Less	Somewhat Less	A Little Less	A Little More	Somewhat More	A Lot More

Detailed Camper Outcomes Scales — Teamwork (T)

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Affinity for Nature (AN) — Detailed Format

(FULL VERSION)

1.	I enjoy being outdoors	False	Somewhat False	A Little False	A Little True	Somewhat True	True
	Is the above statement more or less true today than before camp?	A Lot Less	Somewhat Less	A Little Less	A Little More	Somewhat More	A Lot More
2.	I like being in nature	False	Somewhat False	A Little False	A Little True	Somewhat True	True
	Is the above statement more or less true today than before camp?	A Lot Less	Somewhat Less	A Little Less	A Little More	Somewhat More	A Lot More
3.	I want to spend time outdoors	False	Somewhat False	A Little False	A Little True	Somewhat True	True
	Is the above statement more or less true today than before camp?	A Lot Less	Somewhat Less	A Little Less	A Little More	Somewhat More	A Lot More
4.	I am attracted to nature	False	Somewhat False	A Little False	A Little True	Somewhat True	True
	Is the above statement more or less true today than before camp?	A Lot Less	Somewhat Less	A Little Less	A Little More	Somewhat More	A Lot More
5.	I feel free when I am outdoors	False	Somewhat False	A Little False	A Little True	Somewhat True	True
	Is the above statement more or less true today than before camp?	A Lot Less	Somewhat Less	A Little Less	A Little More	Somewhat More	A Lot More
6.	I enjoy the freedom of being outside	False	Somewhat False	A Little False	A Little True	Somewhat True	True
	Is the above statement more or less true today than before camp?	A Lot Less	Somewhat Less	A Little Less	A Little More	Somewhat More	A Lot More
7.	I feel safe in nature	False	Somewhat False	A Little False	A Little True	Somewhat True	True
	Is the above statement more or less true today than before camp?	A Lot Less	Somewhat Less	A Little Less	A Little More	Somewhat More	A Lot More
8.	I am comfortable in the outdoors	False	Somewhat False	A Little False	A Little True	Somewhat True	True
	Is the above statement more or less true today than before camp?	A Lot Less	Somewhat Less	A Little Less	A Little More	Somewhat More	A Lot More
9.	I feel part of the natural world	False	Somewhat False	A Little False	A Little True	Somewhat True	True
	Is the above statement more or less true today than before camp?	A Lot Less	Somewhat Less	A Little Less	A Little More	Somewhat More	A Lot More
10.	I feel connected to the natural environment*	False	Somewhat False	A Little False	A Little True	Somewhat True	True
	Is the above statement more or less true today than before camp?	A Lot Less	Somewhat Less	A Little Less	A Little More	Somewhat More	A Lot More

Detailed Camper Outcomes Scales — Affinity for Nature (AN) (full)
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Affinity for Nature (AN) — Detailed Format

(SHORT VERSION)

1.	I like being in nature	False	Somewhat False	A Little False	A Little True	Somewhat True	True
	Is the above statement more or less true today than before camp?	A Lot Less	Somewhat Less	A Little Less	A Little More	Somewhat More	A Lot More
2.	I want to spend time outdoors	False	Somewhat False	A Little False	A Little True	Somewhat True	True
	Is the above statement more or less true today than before camp?	A Lot Less	Somewhat Less	A Little Less	A Little More	Somewhat More	A Lot More
3.	I enjoy the freedom of being outside	False	Somewhat False	A Little False	A Little True	Somewhat True	True
	Is the above statement more or less true today than before camp?	A Lot Less	Somewhat Less	A Little Less	A Little More	Somewhat More	A Lot More
4.	I am comfortable in the outdoors	False	Somewhat False	A Little False	A Little True	Somewhat True	True
	Is the above statement more or less true today than before camp?	A Lot Less	Somewhat Less	A Little Less	A Little More	Somewhat More	A Lot More
5.	I feel connected to the natural environment	False	Somewhat False	A Little False	A Little True	Somewhat True	True
	Is the above statement more or less true today than before camp?	A Lot Less	Somewhat Less	A Little Less	A Little More	Somewhat More	A Lot More

Detailed Camper Outcomes Scales — Affinity for Nature (AN) (short)

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Problem-Solving Confidence (PSC) — Detailed Format

Camper Questions

1.	When I have a problem I know the source	False	Somewhat False	A Little False	A Little True	Somewhat True	True
	Is the above statement more or less true today than before camp?	A Lot Less	Somewhat Less	A Little Less	A Little More	Somewhat More	A Lot More
2.	When I have a problem I look for the things that might be causing it	False	Somewhat False	A Little False	A Little True	Somewhat True	True
	Is the above statement more or less true today than before camp?	A Lot Less	Somewhat Less	A Little Less	A Little More	Somewhat More	A Lot More
3.	When I have a problem I stop and think about options before making a decision	False	Somewhat False	A Little False	A Little True	Somewhat True	True
	Is the above statement more or less true today than before camp?	A Lot Less	Somewhat Less	A Little Less	A Little More	Somewhat More	A Lot More
4.	When I have a problem I think of different ideas and combine some to make the best decision	False	Somewhat False	A Little False	A Little True	Somewhat True	True
	Is the above statement more or less true today than before camp?	A Lot Less	Somewhat Less	A Little Less	A Little More	Somewhat More	A Lot More
5.	When I have a problem I choose a realistic plan	False	Somewhat False	A Little False	A Little True	Somewhat True	True
	Is the above statement more or less true today than before camp?	A Lot Less	Somewhat Less	A Little Less	A Little More	Somewhat More	A Lot More
6.	When I have a problem I make good choices about what to do	False	Somewhat False	A Little False	A Little True	Somewhat True	True
	Is the above statement more or less true today than before camp?	A Lot Less	Somewhat Less	A Little Less	A Little More	Somewhat More	A Lot More
7.	After dealing with a problem I check to see if the problem has gotten better	False	Somewhat False	A Little False	A Little True	Somewhat True	True
	Is the above statement more or less true today than before camp?	A Lot Less	Somewhat Less	A Little Less	A Little More	Somewhat More	A Lot More
8.	After dealing with a problem I consider how it worked out	False	Somewhat False	A Little False	A Little True	Somewhat True	True
	Is the above statement more or less true today than before camp?	A Lot Less	Somewhat Less	A Little Less	A Little More	Somewhat More	A Lot More

Detailed Version Problem-Solving Confidence (PSC-Basic)
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Spiritual Well-being (SW) — Detailed Format

Camper Questions

1.	I have a meaningful relationship with God	False	Somewhat False	A Little False	A Little True	Somewhat True	True
	Is the above statement more or less true today than before camp?	A Lot Less	Somewhat Less	A Little Less	A Little More	Somewhat More	A Lot More
2.	I feel very close to God	False	Somewhat False	A Little False	A Little True	Somewhat True	True
	Is the above statement more or less true today than before camp?	A Lot Less	Somewhat Less	A Little Less	A Little More	Somewhat More	A Lot More
3.	I get personal strength and support from God	False	Somewhat False	A Little False	A Little True	Somewhat True	True
	Is the above statement more or less true today than before camp?	A Lot Less	Somewhat Less	A Little Less	A Little More	Somewhat More	A Lot More
4.	I am able to find meaning and purpose in my life	False	Somewhat False	A Little False	A Little True	Somewhat True	True
	Is the above statement more or less true today than before camp?	A Lot Less	Somewhat Less	A Little Less	A Little More	Somewhat More	A Lot More
5.	I have real direction in my life	False	Somewhat False	A Little False	A Little True	Somewhat True	True
	Is the above statement more or less true today than before camp?	A Lot Less	Somewhat Less	A Little Less	A Little More	Somewhat More	A Lot More
6.	Life makes sense to me	False	Somewhat False	A Little False	A Little True	Somewhat True	True
	Is the above statement more or less true today than before camp?	A Lot Less	Somewhat Less	A Little Less	A Little More	Somewhat More	A Lot More

(SW-D)

Detailed Camper Outcomes Questionnaires — Spiritual Well-being (SW-D)

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STATISTICAL INFORMATION YOUTH OUTCOMES BATTERY (ACA-YOB)

The following information may be helpful to individuals who must document the strength and appropriateness of the ACA-YOB. The following points highlight the construction and testing of the scales.

A classical test theory foundation (e.g., DeVellis, 2003; Nunnally & Bernstein, 1994; Suen, 1990; Cronbach, 1990) was used in the four phases of this study: (1) identification of target outcomes; (2) operationalization of those outcomes; (3) data collection; and (4) data analysis and interpretation. The scales went through rigorous psychometric testing during the pilot testing phase (summer 2006) through the participation of eleven camps and a total of 791 campers. Psychometric evaluation included examination of the internal structure (reliability, item-to-total correlations, inter-item correlations) of the individual instruments as well as cross-structure analysis (inter-correlations among scale scores and correlations between scale scores and age).

Analysis of data supported the position that the Camper Learning survey can be appropriately used as a uni-dimensional measure of generalized camp learning. The alpha reliability coefficient was .85. Item-to-total correlations ranged from .29 to .61. Thirteen of the fourteen coefficients exceeded .40, and eight of those exceeded .50. Random effects analysis of variance revealed no significant “interviewer” variance.

Data from the Basic Camp Outcomes Scales suggested that this format worked well. Reliability coefficients exceeded .85, and item-to-total correlations were greater than .50. The final versions of each of these scales include five to fourteen items and are scored on five-point rating scales (with the exception of Camp Connectedness scale).

The Detailed Camp Outcomes Scales format also worked very well. The change versions produced alpha reliability coefficients ranging from .87 to .93, and alpha coefficients for the perceived status measures were above .80. Criterion-related evidence of validity, based on the matrix of correlations among the scale scores, supported the use of these scales for their intended purpose. The final versions of each of these scales (status and change) include five to thirteen items and are scored on six-point rating scales.

DEMOGRAPHIC QUESTIONS FOR CAMPERS

Many times a camp director may be interested in how subgroups of campers respond on the surveys. For example, a director may want to compare outcome changes by age or gender to be certain the intentions of the program are carrying through to the subgroups.

The following questions are commonly asked and are a good starting point for understanding your campers. You may have some of your own demographic questions, so should feel free to modify these questions to best fit your needs.

Camper Questions

Please answer the following questions before returning your surveys.

I am:

_____ a girl _____ a boy
 _____ years old

I am at camp for:

_____ 1 week
 _____ 2 weeks
 _____ 3 weeks
 _____ 4 weeks
 _____ More than 4 weeks

How many years have you come to camp?

_____ this year is my first time
 _____ 1 time
 _____ 2 times
 _____ 3 times
 _____ 4 to 6 times
 _____ more than 6 times

On a scale of 1 to 10 (where 1 = absolutely the worst and where 10 = the best time ever), how much did you enjoy camp?

1 2 3 4 5 6 7 8 9 10