

4-H POLYMER CURRICULUM EVALUATION: DIRECTIONS FOR ADMINISTERING THE GRADES K-2 YOUTH SURVEY

Survey Overview

- The youth survey was designed to assess student attitudes and knowledge related to the key concepts covered in the 4-H Polymers *Be a 4-H Scientist!* Curriculum.
- The survey should be administered to youth participants after teaching all 6 modules.

Prior to Administering the Survey

- Please familiarize yourself with the materials and procedures.
- Ensure that you have enough copies and writing utensils for all youth participants.

Administering the Survey

- After teaching Module 6, hand out the survey and read aloud these directions:

Before you begin answering these questions, I want to give you some directions. Now that we have finished our activities related to plastics, we would like to know what you think about what you learned. There are no right or wrong answers, so please answer honestly and do the best you can. I will read you one sentence, and you will circle how that sentence makes you feel.



- ***Circle the red face with a frown if you disagree with the sentence a lot.***
- ***Circle the yellow face with a frown if you disagree with the sentence a little.***
- ***Circle the green face with a smile if you agree with the sentence a little.***
- ***Circle the blue face with a big smile if you agree with the sentence a lot.***

We will do one sentence at a time, and we'll wait until everyone has circled their answer before moving on.





































- During administration, read one sentence at a time and wait for all youth to mark their response appropriately. After each sentence, you can explain again what each face means.
- If a youth has trouble understanding what to do, try to re-explain the instructions, but do not assist the youth with responding to any specific items. In addition, youth should not help one another.
- After youth are done, collect the surveys and make sure their names are on them.

Using the Survey Results

- The data obtained from the survey can provide information to evaluate whether the curriculum's activities helped youth participants to better understand the key concepts.
 - If youth participants indicated that they agree "a little" or "a lot" with items on the survey, this indicates that youth may have a good understanding of these concepts. You may choose to use these ideas as a foundation for future activities.
 - If youth participants indicated that they disagree "a little" or "a lot" with items on the survey, you may choose to revisit some of these concepts to further support their learning of these ideas.

Be a 4-H Scientist! Materials in a Green, Clean World

Circle or place an "X" on one face for each question

	Disagree		Agree	
	A Lot	A Little	A Little	A Lot
1. I like science and engineering.				
2. I learned new things about science and engineering.				
3. I felt like a scientist or engineer.				
4. When I wonder about something, I can ask a question.				
5. I learned some materials can be recycled and some cannot.				
6. I learned many things are made of plastic.				
7. I am helping the Earth when I use less of something.				
8. I came up with ideas for how to care for the environment.				
9. I will help my family or friends recycle more.				
10. I can tell someone about renewable resources.	