

Back to School 4: *Geeks Rule*

Listening



Name: _____

Listen and answer the questions.



1. Which is NOT a quality of a good leader?
 - a. Taking credit for all the work.
 - b. Finding a job for each person.
 - c. Listening to people in the group.
2. How are good leaders fair?
 - a. They do their part of the work.
 - b. They tell others to do the work.
 - c. They do all the work themselves.
3. Why is it important that people have different talents and skills?
 - a. They can do the same task.
 - b. They can help in different ways.
 - c. They can work on their own, but not together.
4. If you are a good leader, will your project be a success?
 - a. yes
 - b. no
 - c. The speaker doesn't say.

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Reading

Name: _____

Read and answer the questions.

3-D Printers

You use a regular printer to print documents and photographs onto paper. But 3-D printers don't just print a flat image using ink; they use wax, plastic, or other materials to mold a shape with height, width, and depth. They print one layer of material on top of the next.

3-D printers were first used to make prototypes. When an inventor creates a new product, he or she needs to make a model to test. 3-D printers help inventors make these prototypes quickly and accurately.

Today, 3-D printing technology is so advanced that people can also use it to make finished products. 3-D printers can help create a crown for your tooth or a prosthetic

leg. Artists and designers have used 3-D printing to make sculptures, furniture, and even clothing.

3-D printers are still expensive, but someday, you may be able to use one at home! What would you make with your own 3-D printer?



1. What is a 3-D object?
 - a. a new product
 - b. a flat picture on paper
 - c. a shape with height, width, and depth
2. Which of these materials does a 3-D printer use?
 - a. ink
 - b. wax
 - c. paper
3. What is a prototype?
 - a. an invention
 - b. a new kind of printing
 - c. a model of a new product
4. Which is true about 3-D printers?
 - a. People mainly use them at home.
 - b. People use them for art and technology.
 - c. People use them only to test new inventions.

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Writing

Name: _____

A fable is a story that teaches a lesson about life. It ends with a moral that explains the lesson. Read this fable about lying. Then circle the best moral for the fable.

The Boy Who Cried Wolf

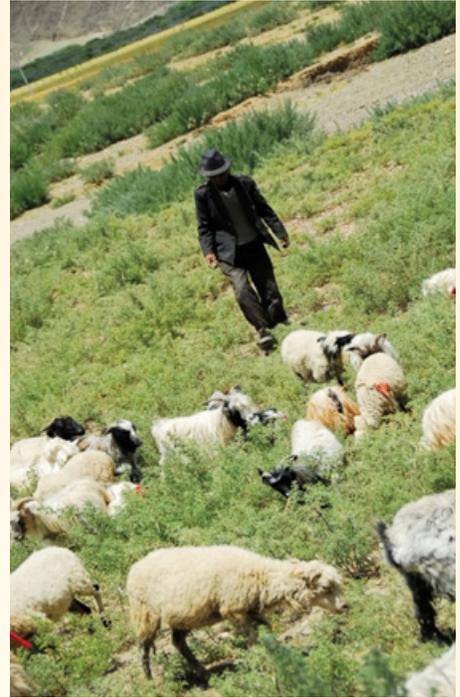
by Aesop

Once there was a boy who had to watch sheep and protect them from the wolves. He soon grew bored with the task. “Nothing ever happens here!” he thought.

One day, the boy decided to have some fun. In a loud voice he cried, “Wolf! Wolf!” The villagers ran to the hills to chase the wolf away. But they found no wolf—only the boy, laughing. When they found out that the boy had lied, they went away very angry.

A few days later, the boy really did see a wolf nearby, looking hungrily at his sheep. He jumped up in alarm. “Wolf! Wolf!” he shouted.

But this time none of the villagers ran to the hills. “He’s only lying again,” they said. The boy tried to chase the wolf away, but he couldn’t do it alone. The sheep ran in every direction to escape, and the boy lost all his sheep.



Moral:

a. Don't try to do difficult things by yourself.

b. If you are bored, try playing a joke on someone.

c. If you lie, no one will believe you even when you tell the truth.

In your notebook, write a fable about someone who tells a lie. What happens? Tell the events in order. At the end, write a moral for your fable.

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Speaking

Name: _____

Look at the pictures. Which type of technology do you think is the most interesting? The most useful? Why?

Choose one type of technology and explain why you think it is the most interesting or the most useful. Talk with a classmate.



cell phones



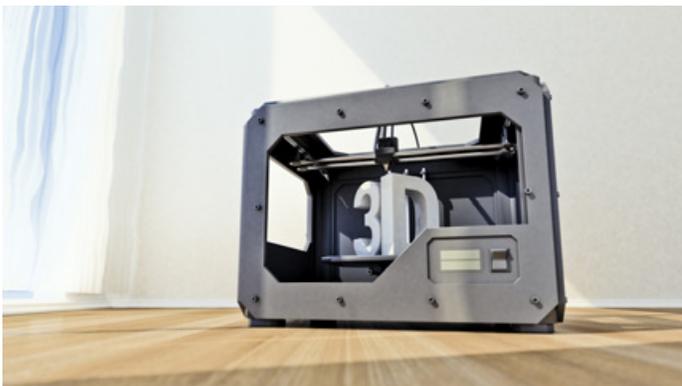
computers



video games



self-driving cars



3-D printers



robot cleaners

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Teacher's Guide

Listening Answer Key

1. a
2. a
3. b
4. c

Audio Script

VICTORIA: Alexis wouldn't let us help very much, and then she took all the credit for the project! She wasn't being a good leader of our group. What qualities make a good leader?

Good leaders listen to the other people in the group. They share their own ideas, too. By working together, you can improve your ideas and maybe hear some new ideas you hadn't thought of before.

Good leaders are fair. They include everyone in the project and find a role for each person to play. Good leaders know that people have different talents and skills, so they can help in different ways. But good leaders also don't sit back and let others do the work. They do their part.

Finally, good leaders give credit to the whole group when the project is a success. They don't take all the credit for themselves. They remember that the project is a result of everyone's hard work—and they tell other people that, too!

Reading Answer Key

1. c
2. b
3. c
4. b

Writing Answer Key

Students' fables should tell a story about the consequences of lying and should end with a moral that states the lesson of the story.

Speaking Answer Key

Example of correct answer:

Cell phones are the most useful because you can do so many things with them. You can call and send texts. You can also take pictures and access the Internet.