3M Young Scientist
Challenge

1

Introduce the Article and Key Vocabulary

Talk with students about what they will learn from the article.
Introduce vocabulary to them using the descriptive teaching method.

Example: We will be talking about the 3M Young Scientist Challenge. The 3M Young Scientist Challenge is a fun science contest for kids in grades 5–8 in the US. Students make a short video showing a new (innovative) idea that helps people or solves a problem. Some examples are cleaning water or helping others stay healthy. This year the topics include robotics, home improvement, automotive, and safety. The finalists will win prizes and work with a real scientist from the 3M company to make their idea even better. It's a great way to learn, be creative, and help the world! The videos are sent in from January to May. Judges watch and score the videos. They judge the videos on creativity, communication, scientific knowledge, and more. Finalists are announced in June.

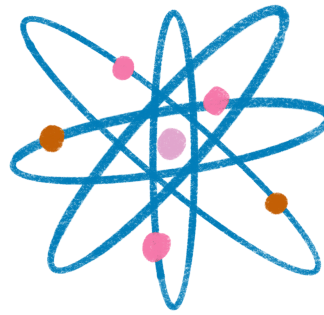
2

Read the Article While you TAAP

As you read the article with students, remember to TAAP: **T**alk about it, **A**sk a question, **A**cknowledge via response, and **P**ropel the conversation or **P**redict!
(View the TAAP resource on the AAC Language Lab to learn more about the TAAP strategy!)

Sample TAAP words/phrases:

Talk About It	Ask Questions	Acknowledge via Response	Propel the Conversation or Predict
invention new science win challenge solution	What happens during this competition? Why is this challenge important? What happens when a student wins? Who can enter the challenge? What is the goal of the challenge?	Nice work You're right Great answer Eureka! Excellent job Good hypothesis	I think... I wonder... Tell me more Anything else? Predict your hypothesis

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3

Talk About What you Learned

Summarize the article with students and talk about what they learned. Ask open-ended questions to discuss what everyone thought, and to get them thinking about and reflecting about what they read.

Sample questions for discussion:

What did you learn about the 3M Young Scientist Challenge? What are some everyday problems that you would like to be solved? What idea would you have? How would that idea make life better for others? What would you say in a video to explain your idea to other kids and judges? Who would you want to help you with your science project? What questions do you think scientists ask themselves about their ideas? What do the finalists win at the challenge?

Discussion for Comprehension

4

After reading and summarizing the article with students, use descriptive testing to further discuss the students' understanding of the article. Pose questions in a way that allows the student to answer the question using any word on their device.

Sample Descriptive Testing Questions and responses:

Tell me about the 3M Young Scientist Challenge.	Why is it important for students to enter this challenge?	What are some problems that were solved?
<ul style="list-style-type: none">• science game/competition• grades 5 through 8• find a solution/ answer• make a video recording• enter to win	<ul style="list-style-type: none">• want problems solved/ solution• new inventions• company pays winner• more good work to help others• how to make better	<ul style="list-style-type: none">• under water robot• find solution to clean ocean floor• find not good food in refrigerator• help people not get sick