hello!

Create

Add task or students here

ENGINEER

Add task or students here

SOLVE

Add task or students here

???

I am an odd number. Take away a letter and I become even. What number am I?

Today we will...

be collaborators and critical thinkers as we learn about scientists and complete a Breakout!

Class meeting

Greeting

- ❑ Say hello to at least 3 people in class
- ❑ Make eye Contact
- ❑ Remember to greet your teacher

Share

- ❑ Add in what you want **students** to share

Reminders:

- ❑ listen to the speaker
- ❑ take turns to talk
- ❑ speak loud enough for everyone to hear

Message

- ❑ Add in class announcements or what **teacher** would like to share with class here

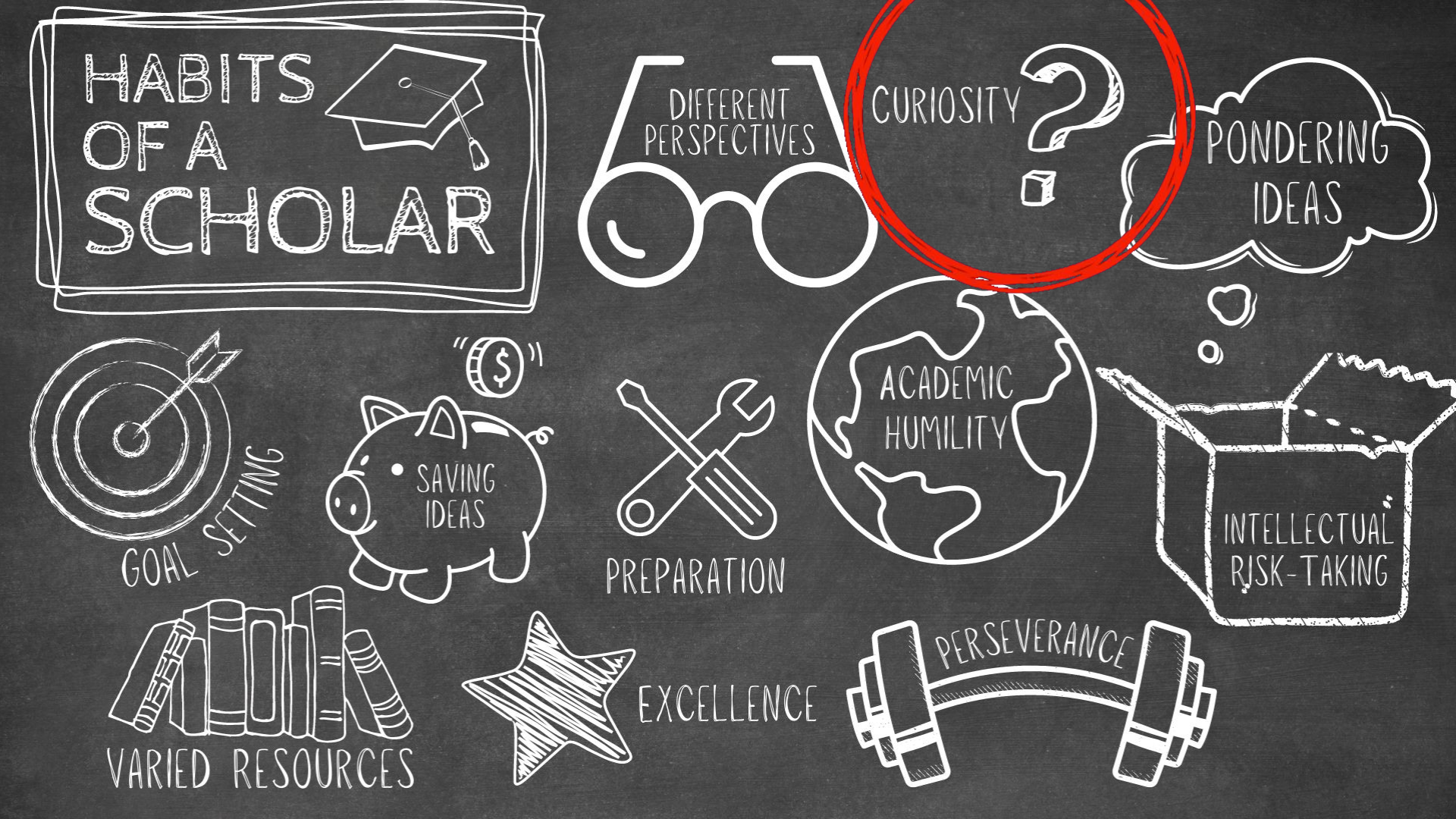
Mindfulness

- ❑ Optional Resource

Let's SPARK your *Curiosity*

What do you notice?

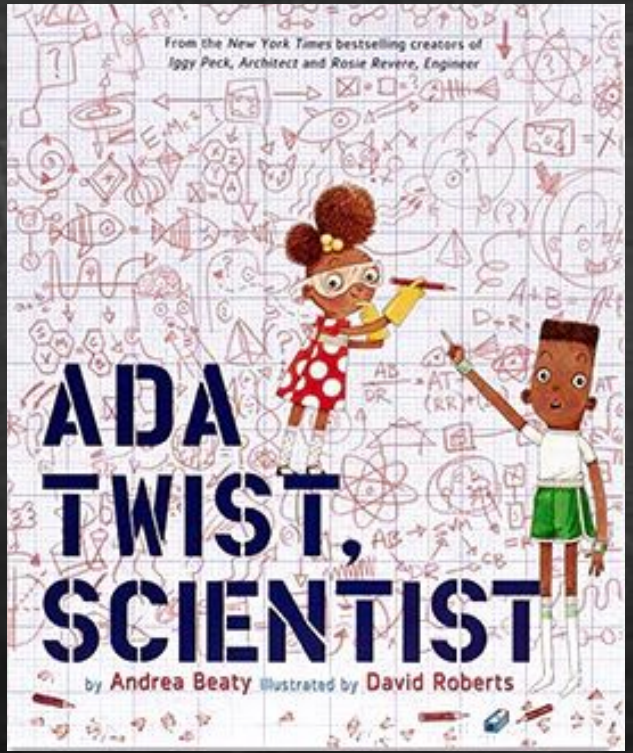
What do you wonder?

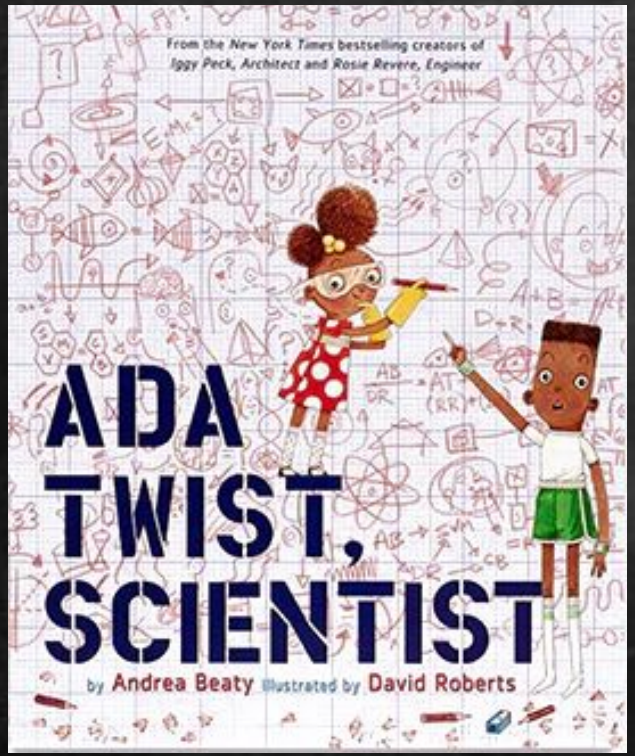

HABITS OF A SCHOLAR
DIFFERENT PERSPECTIVES
CURIOSITY
PONDERING IDEAS
GOAL SETTING
SAVING IDEAS
PREPARATION
ACADEMIC HUMILITY
INTELLECTUAL RISK-TAKING
VARIED RESOURCES
EXCELLENCE
PERSEVERANCE

CURIOSITY

SCHOLARS WONDER, ASK QUESTIONS, AND SEEK ANSWERS


Ada Twist,
Scientist

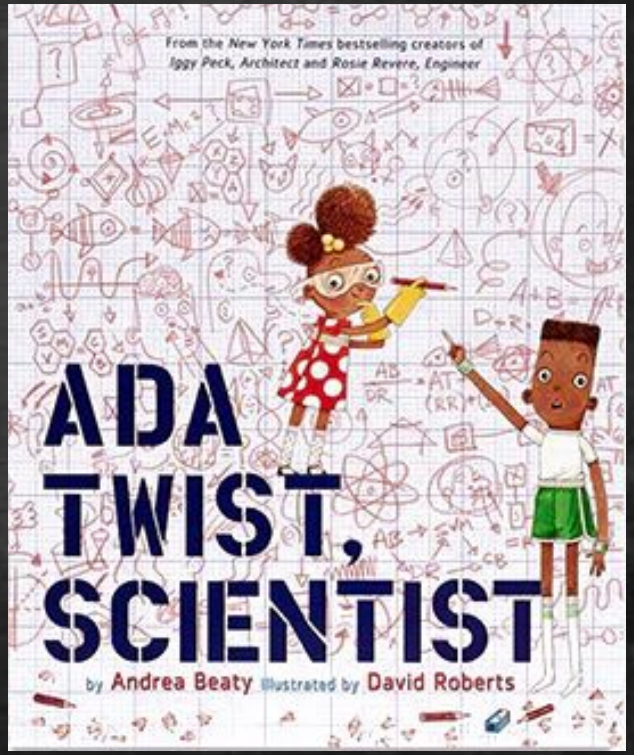

From the New York Times bestselling creators of
Iggy Peck, Architect and Rosie Revere, Engineer
ADA
TWIST,
SCIENTIST
by Andrea Beaty Illustrated by David Roberts



What examples from the story demonstrate that Ada is a scholar?

Think of a time when you were curious about a problem.

What did you do next?

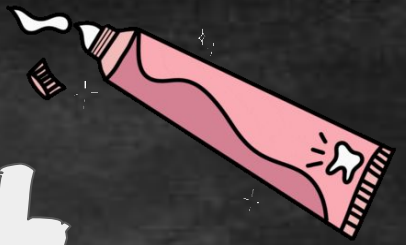


SCIENTIFIC METHOD

- Purpose
- Research
- Hypothesis
- Experiment
- Conclusion

Ada is a scientist.

How did she use the scientific method?



Elephant Toothpaste

Purpose

Elephant toothpaste is not really toothpaste. It's just a chemical reaction between 2 ingredients.

What will happen when we mix yeast, hydrogen peroxide, and water?

Research

Before you can begin experimenting, you need to understand what's happening.

Let's learn about chemical changes.

Hypothesis

Make a prediction.

What will happen when I mix yeast, hydrogen peroxide and water together?

Experiment

Materials:

- Hydrogen peroxide
- Dish Soap
- Empty water bottle
- 2 packets of yeast
- Small cup
- Measuring cup
- TableSpoon

1. Pour ½ cup of hydrogen peroxide into empty water bottle.
2. Add 1 tableSpoon dish Soap and mix
3. In Separate cup, mix 3 tableSpoons of warm water and 2 packs yeast for 30 seconds
4. Pour yeast mixture into the bottle.
5. Observe.

Conclusion

Describe what happened in the experiment.

Was your hypothesis correct or incorrect?

What new questions are you curious about?

Breakout

Let's Reflect

What are you curious about?

What action can you take to find the answer to your question?

EXTEND

Unanswered Questions