

SCIENTIFIC METHOD



DIGITAL



PRINT

SCIENTIFIC METHOD

Science comes from a Latin word that means knowledge. Method comes from a Greek word that means road. Put together, the scientific method is like a path to knowledge.

The scientific method is a process for scientists to study and learn things. A single person didn't develop it, but Francis Bacon, Rene Descartes, and Isaac Newton contributed to the idea of studying science. The scientific method encourages students to use critical thinking skills and make connections. This way of problem-solving helps develop specific investigative skills.

Even young kids should be allowed to explore the world scientifically. Let them wonder, think, act, and say. Curious kids can observe and describe what they see, spark curiosity and stay engaged.

- Wonder - explore the world around you
- Think - what could happen?
- Act - test your idea and see what happens.
- Say - was your idea correct?

This inquisitive approach will ultimately lead to scientific reasoning. Preschoolers ask questions constantly. Why? What if? Turn those constant questions that they ask into something they can observe and ultimately answer for themselves. Ask them to guess what might happen. The next step would be to watch what happens. Finally, a preschooler can compare what they thought would happen with what actually happened.

As kids get older, the scientific method can be more methodical. The major steps in the scientific method are the following:

- Ask a question.
- Research to gather information.
- Form a hypothesis - an educated guess.
- Conduct an experiment to test your hypothesis.
- Make observations and track the results of your experiment.
- Analyze the results of the experiment.
- Draw a conclusion.
- Communicate results.
- Re-test

The first and most essential step in the scientific method is to ask a

What kind of reasoning keeps things scientific? *

- Inductive
- Variable
- Illogical
- Resonating

What is Mr. Descartes first name? *

- John
- Rene
- Gary
- Glen

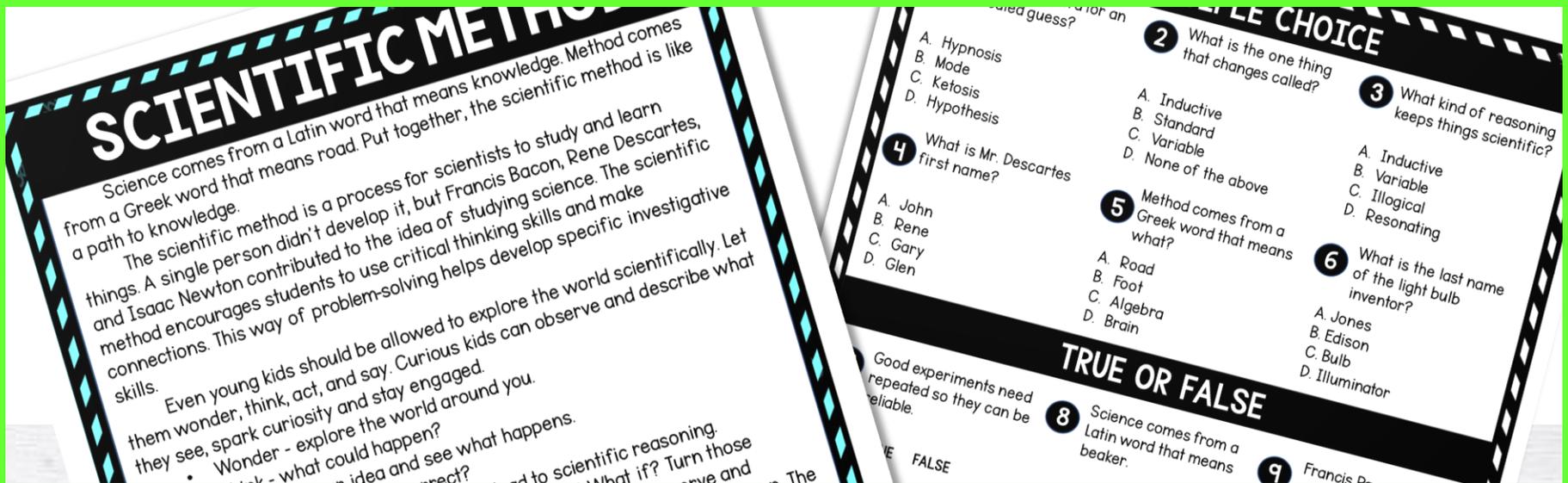
Method comes from a Greek word that means what? *

- Road
- Foot
- Algebra
- Brain

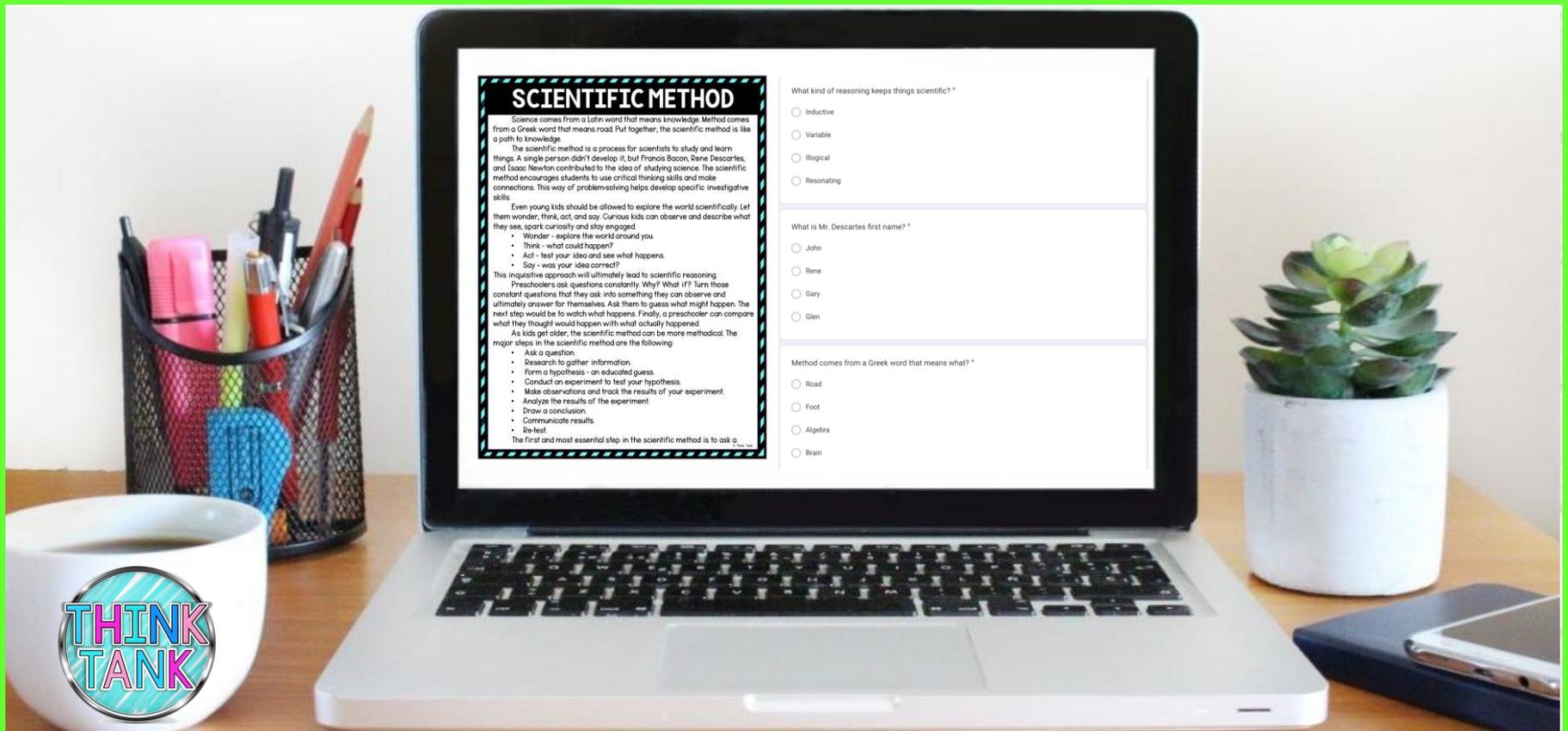


READING PASSAGE

15 QUESTIONS



DIGITAL OR PRINT



INCLUDED

- ✓ READING PASSAGE
- ✓ TEACHER DIRECTIONS
 - ✓ ANSWER KEY
 - ✓ 15 QUESTIONS
 - ✓ SELF-GRADING
- ✓ PRINTABLE VERSION
- ✓ DIGITAL VERSION



QUESTION TYPES

-  **MULTIPLE CHOICE (6)**
-  **TRUE OR FALSE (9)**
-  **EDITABLE QUESTIONS
(FOR DIGITAL VERSION)**

True

False



STUDENTS NEED

✓ ACCESS TO GOOGLE CLASSROOM™
(IF USING THE DIGITAL FORMAT)

✓ GOOGLE™ ACCOUNTS

✓ KNOW HOW TO ZOOM IN AND ZOOM OUT TO
ENLARGE OR SHRINK THE SCREEN

True

False



BENEFITS

-  SELF-GRADING
-  IMMEDIATE STUDENT FEEDBACK
-  PAPERLESS
-  NO PREP
-  SAVES YOU TIME
-  COMPREHENSION PRACTICE



OPTIONS



FRONT-LOADING



GROUP STATIONS



SUB PLANS



UNIT REVIEW



ENRICHMENT ACTIVITY



DIGITAL



PRINTABLE

