

Bloom's Taxonomy

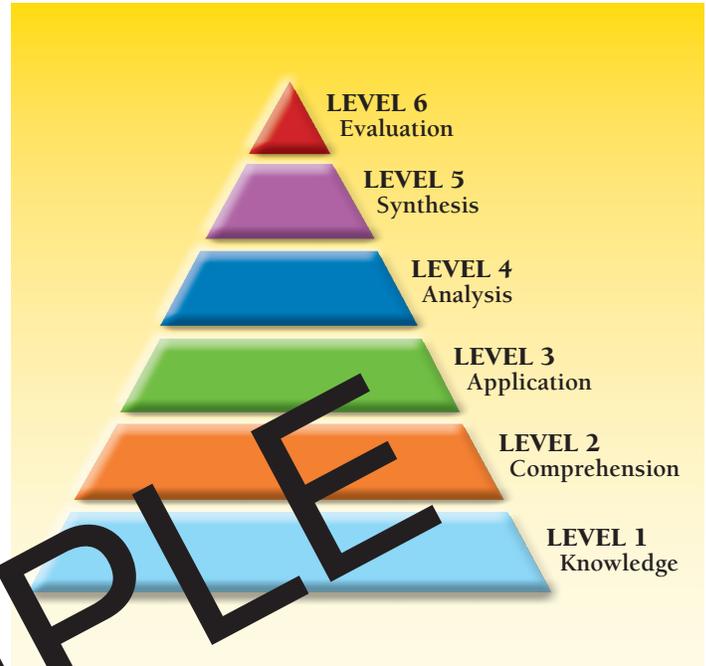


Our resource is an effective tool for any **SCIENCE PROGRAM**.

Bloom's Taxonomy* for Reading Comprehension

The activities in our resource engage and build the full range of thinking skills that are essential for students' reading comprehension and understanding of important **science concepts**. Based on the six levels of thinking in Bloom's Taxonomy, and using language at a remedial level, information and questions are given that challenge students to not only recall what they have read, but move beyond this to understand the text and concepts through higher-order thinking. By using higher-order skills of application, analysis, synthesis and evaluation, students become active readers, drawing more meaning from the text, attaining a greater understanding of concepts, and applying and extending their learning in more sophisticated ways.

Our resource, therefore, is an effective tool for any Science program. Whether it is used in whole or in part, or adapted to meet individual student needs, our resource provides teachers with essential information and questions that inspire students' interest, creativity, and promoting meaningful learning.



SAMPLE

BLOOM'S TAXONOMY: 6 LEVELS OF THINKING

**Bloom's Taxonomy is a widely used tool by educators for classifying learning objectives, and is based on the work of Benjamin Bloom.*

Vocabulary



comet	solar system	asteroid	asteroid belt	orbit
hydrogen	helium	satellite	atmosphere	meteor
meteorite	sulfuric acid	magnetic field	gravity	nitrogen
oxygen	rotate	evidence	exploration	rover
channels	astronaut	dwarf	geyser	zone
methane	lunar	phase	cycle	reflect
crater	eclipse	illuminated	waxing	waning
gibbous	crescent	astronomer	navigate	constellation
telescope	light years	nebula	supernova	galaxy
universe	north star	black hole	shooting star	particles
asterism	debris	impact		

NAME: _____

After You Read 



The Outer Planets



1. Put a check mark (✓) next to the answer that is most correct.

a) Which planet has the most known moons orbiting it?

- A Neptune
- B Saturn
- C Jupiter
- D Earth

b) Which of the outer planets is the largest?

- A Neptune
- B Uranus
- C Jupiter
- D Saturn

c) What are Saturn's rings made of?

- A rock and ice
- B dust
- C meteorites
- D 'a' and 'b'

d) Why would Pluto be colder than all of the other planets?

- A It is too small.
- B It is made out of ice.
- C It is not a real planet.
- D It is farthest from the Sun.

e) Which of the following is a true comparison of Pluto and the other outer planets?

- A Pluto is not made of gas like the other giants.
- B Pluto has rings like Uranus.
- C Pluto is around the same size as the other giants.
- D Pluto is warmer than Jupiter.

f) Why are the Earth and Luna known as "double planets"?

- A They are both made of rocky material.
- B They both orbit the Sun.
- C They are of similar size.
- D Earth's moon is actually a planet.

SAMPLE



Part A

Comprehension Quiz

Circle the word **TRUE** if the statement is TRUE or Circle the word **FALSE** if it is FALSE.



- The planets in our solar system are classified as rocky or gas planets.
TRUE **FALSE**
- In our solar system, all eight planets orbit the Sun.
TRUE **FALSE**
- The inner and outer planets are divided by a *meteor shower*.
TRUE **FALSE**
- Earth has one moon, and the other planets have many moons or no moons at all.
TRUE **FALSE**
- The Sun is just one of many stars in our solar system.
TRUE **FALSE**
- The moon has many phases that are tracked on a lunar calendar.
TRUE **FALSE**
- When an asteroid hits the Earth it forms a crater in the surface.
TRUE **FALSE**
- Scientists believe they may be able to teach humans to live on Venus one day.
TRUE **FALSE**

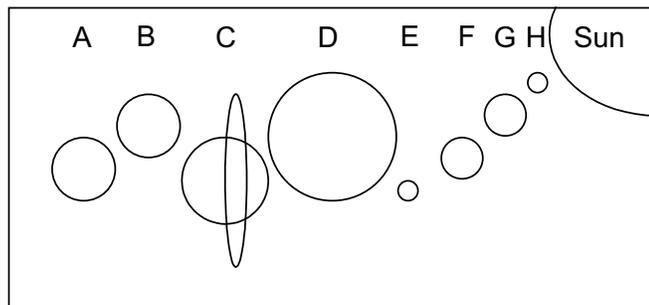
SAMPLE

Part B

1. Label the diagram by filling in the blanks below.



- A _____
- B _____
- C _____
- D _____
- E _____
- F _____
- G _____
- H _____



2. Use the diagram above to answer the questions.

- If you were to include the asteroid belt in the diagram, between which two letters would it go? _____ and _____
- With which letter would a geyser be placed? _____
- With which letter would Luna be placed? _____

Earth

