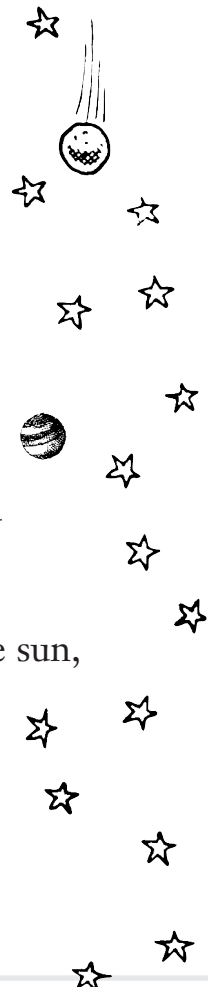


► Read each Vocabulary Word and its definition. Then write the Vocabulary Word that best completes each rhyme.

- force:** power or energy
- nucleus:** the center of something
- loops:** moves in a circle or oval
- particles:** very tiny bits of something
- solar wind:** a flow of gases or particles given off by the sun
- fluorescent:** describes something that gives off cool light



☆ If you look up at the sky at night,
 ☆ You'll see a comet's **(1)** _____ light.
 ☆ The **(2)** _____ is the comet's core,
 ☆ But what you see is so much more.
 ☆ A cloud of **(3)** _____ and gas
 ☆ Surrounds the comet's inner mass.
 ☆ The sun's gravity is such a **(4)** _____
 ☆ That it keeps the planets on a course.
 ☆ When a comet **(5)** _____ around the sun,
 ☆ Its adventures have just begun.
 ☆ The **(6)** _____ blows far and wide
 ☆ And hurls the comet's tail from side to side.



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TRY THIS! Think of a riddle using a Vocabulary Word. For example: I am strong. I can move things. What am I? (force) Draw a picture to give a hint, and try your riddle on a friend.

► Suppose you are reading a book about outer space. Choose which part of the book you would use to find the answer to each question. Circle the letter of the answer you have chosen.

1 On what page does the chapter with the title “Comets” begin?

- A glossary
- B index
- C table of contents
- D title page

Tip
 Which book part gives the title and starting page number for each chapter?

2 What is the meaning of the word *gravity*?

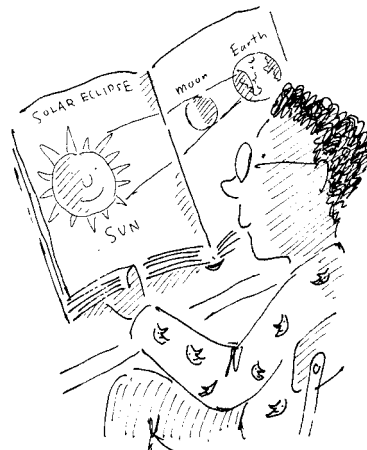
- F copyright page
- G glossary
- H index
- J table of contents

Tip
 Which book part is like a small dictionary, with key words listed in alphabetical order?

3 On what pages is the astronomer Jan H. Oort written about?

- A copyright page
- B index
- C table of contents
- D title page

Tip
 Which book part gives an alphabetical list of names and topics, with page numbers?



SCHOOL-HOME CONNECTION With your child, write three questions about a topic that interests you. Discuss which book parts you would use to find the answer.