



Kid Scoop

.com

THE AWARD-WINNING PRINT & ONLINE FAMILY FEATURE



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What Goes Up Must Come Down

On Earth, gravity keeps the air around us (and everything else) from drifting off into space. Gravity pulls on everything—every rock, every grain of sand, every leaf and every person.

Newton's Apple

One day, according to a _____ story, a man named Sir Isaac Newton was _____ under an apple tree. An apple _____ on his head, and he suddenly _____ of the law of gravity.

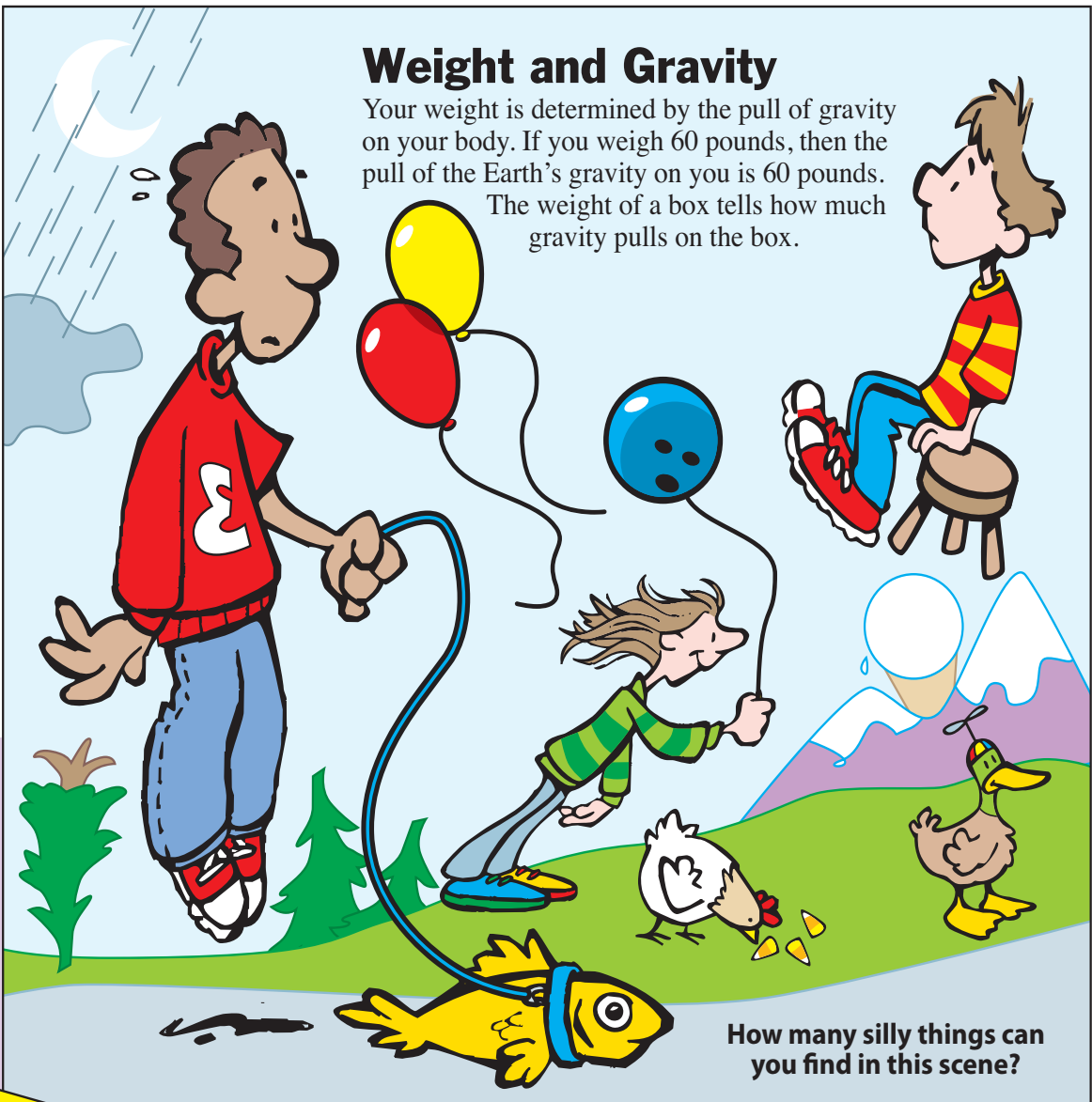
It is most likely that years of _____ things falling to the ground were what led to the _____ insight he called **Newton's Law of Gravity**.

Whoops! Gravity has made some of the words in this article fall to the ground. Can you find where each word belongs?

THOUGHT
FELL
SUDDEN
SITTING
OBSERVING
POPULAR

Weight and Gravity

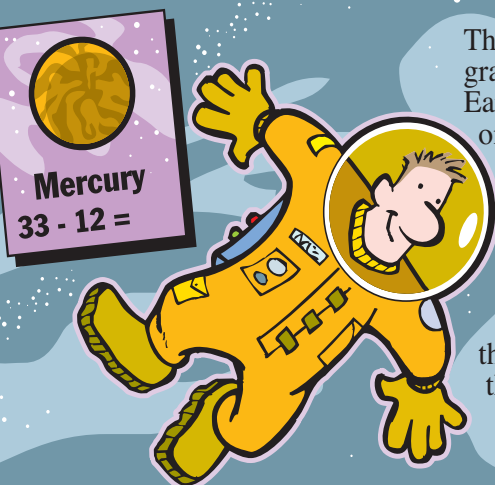
Your weight is determined by the pull of gravity on your body. If you weigh 60 pounds, then the pull of the Earth's gravity on you is 60 pounds. The weight of a box tells how much gravity pulls on the box.



How many silly things can you find in this scene?

Standards Link: Earth Science: Students understand forces and know that gravity is not a physical object, but affects physical objects.

Weight Around the Solar System



Mercury
33 - 12 =

The moon and the planets all have gravity. The moon has less gravity than Earth. That means you would weigh less on the moon, because less gravity pulls on you. If you weigh 60 pounds on Earth, you would weigh 10 pounds on the moon.

How many pounds would a 60-pound person weigh on each of these planets? Do the math to discover the answer.

Sun
8,370 + 8,370 =

Venus
29 + 23 =

Mars
18 + 5 =

Jupiter
93 + 65 =

Neptune
45 + 40 =

Uranus
18 + 46 =

Saturn
97 - 29 =

Extra! Extra!

I Before E or E Before I?

Look through news articles for words that have the letters **i** and **e** next to each other. In the table below, list the words spelled with the **i** before the **e** in the left column. In the right column, list the words spelled with the **e** before the **i**.

i before e	e before i
niece	either

Standards Link: Spelling: Recognize spelling patterns and know exceptions to spelling rules.

Kid Scoop Puzzler

How many new words can you make using the letters in the words:

THE LAW OF GRAVITY

_____	_____	_____
_____	_____	_____
_____	_____	_____
_____	_____	_____
_____	_____	_____
_____	_____	_____

SCORE YOURSELF! 1 - 5 words: **Language Lightweight**
6 - 12 words: **Rising Reader**
13 or more words: **Gravitational Greatness**

Standards Link: Spelling: Spell grade-level appropriate words correctly.

Double Double Word Search

DRIFTING
GRAVITY
PLANETS
WEIGHT
NEWTON
SATURN
BEFORE
VENUS
SPACE
APPLE
SOLAR
SAND
BODY
MARS
LAW

Find the words in the puzzle. How many of them can you find on this page?

S	D	N	U	O	P	G	R	D	G
P	B	A	R	E	V	I	R	R	T
A	Y	E	L	U	D	P	A	I	U
C	L	P	F	N	T	V	L	F	T
E	P	L	A	O	I	A	O	T	H
A	L	S	A	T	R	S	S	I	G
B	O	D	Y	W	D	E	R	N	I
P	L	A	N	E	T	S	A	G	E
O	W	S	U	N	E	V	M	N	W

Standards Link: Letter sequencing. Recognized identical words. Skim and scan reading. Recall spelling patterns.

Kid Scoop Together

Book Scoop

Use the Kid Scoop Secret Decoder Ring to discover the name of this book by Mary Pope Osborne, which is available at the library.



Jack and Annie are ready for their next fantasy adventure in the *Magic Tree House* series! The *Magic Tree House* whisks Jack and Annie off to the moon—and the future. Their mission? To find the last “M” thing that will free Morgan from the spell. Can they do it before the air in their oxygen tank runs out? Will the mysterious moon man help them? And why is Peanut the mouse acting so strange?

To discover the name of this book, find the letter on the outer ring, then replace it with the letter below it on the inner ring.

U B W F B A C D

H F D C T

U H H F

What a Character!

Brilliance is ...



... lighting up when you learn something new!

Kid Scoo-doku

Complete the grid by using all the letters in the word **SOLAR** in each vertical and horizontal row. Each letter should only be used once in each row. Some spaces have been filled in for you.

L			R	
S	O	L	A	R
	A			
A				
		S		A

Kid Scoop

VOCABULARY BUILDERS

This week's word:

DETERMINE

The verb **determine** means to fix exactly and with certainty.

NASA was **determined** to land someone on the moon.

Try to use the word **determine** in a sentence today when talking with your friends and family.

FROM THE Kid Scoop LESSON LIBRARY

Who likes gravity?

Look through the newspaper for examples of gravity being a good thing. Then look for examples where less gravity would be useful. Make a list of what you would miss about gravity if you were on the moon.

Standards Link: Research: Use the newspaper to locate information.

What spacecraft is loud, fast and very crunchy?

ANSWER: A rocket chip.

Write On!

Walking on Air

Describe what your life would be like without gravity.



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