



acadience® reading 7–8

Maze

Student Materials

Grade 8 | Progress Monitoring 2

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Name: _____

Practice 1

As a member of a family, you

have
give
lead

 the right to put a poster on your bedroom wall.

Practice 2

You must

put
obey
practice

 traffic laws.



	Passage 1	Passage 2	Passage 3
Correct			
Incorrect			

Losing Charlotte

In 14 years of life, I have lost various possessions, including money, three retainers, and a

smart phone. When you lose something that belongs to you, you leave
feel crummy about it for a while;
arrive
when you lose
drive something that belonged to somebody else, you feel
learn check doubly miserable about it,
know
especially when the item
top belonged to your favorite uncle and was forgiving
panic valuable for sentimental reasons.
crummy

My family recently visited
opened Uncle Elliott and Aunt Grace. They live in Manhattan and both
rendered
lend careers in the literary world. Uncle Elliott writes
stand pauses books and magazine articles about science
have loses
and medicine
work, and Aunt Grace is a fiction editor for a sentimental
neighbor painful publisher. I enjoy spending time
notable
with them because their medicines
departments are fountains of knowledge and their stories
minds winks are fascinating. In
courts
addition, they always hurry
appear to be genuinely interested in my activities
protect years and life, and I feel smart
publishers
and witty
miserable in their presence.
difficult

During dinner at their phone
apartment, I mentioned that I had been carelessly
fountain busily composing a class
doubly
presentation about the mall
life of the writer E.B White and his gracious
title classic children's book, Charlotte's
distressing

Web. Aunt Grace remarked that Charlotte's Web replaces belongs continues to be one of the best-loved snacks works careers of literature. Then she gave Uncle Elliott a time presentation wink, as though they shared a secret. My home uncle lesson left the dinner table and returned with an old interested apologetic copy of Charlotte's Web.

He handed me the class book courage and invited me to open it to the title retainer life page. Across the top of the science page author was a handwritten message to Uncle Elliott from E.B. White! My page uncle autograph explained that as a young boy he had been remained introduced found to the famous author through a neighbor battery copy and that Mr. White had kindly autographed Uncle Elliott's dinner copy mother of Charlotte's Web.

Uncle Elliott offered to lend me his uncle gratitude book for my upcoming presentation, an offer so literary handwritten unexpected that I was rendered momentarily tongue-tied. I finally denied distracted stammered my gratitude and assured Uncle Elliott that I would continue protect introduce his book with my life.

Unfortunately this classic square bold assurance did not hold true for long. Barely a throat week mind later, my mother and I stood in the magazine food boy court of the mall, confronting the distressing famous upcoming reality that I had

lost Uncle Elliott's young unexpected treasured book. We searched every square inch of the place replacement money. We checked

the lost and found family department backpack and spoke to mall employees and everyone we assured autographed encountered in the

food court. There was no sharing denying phoning the bitter truth: the book was definitely old gone true.

I had taken Uncle Elliott's copy of Charlotte's Web to message book school that day for my presentation.

After school, I had summoned realized gone to the mall to buy a possession lesson replacement watch battery. When I paused for a

day school snack in the food court, I retrieved Charlotte's Web from my call offer backpack to admire the autograph

once again. I mentioned got held distracted texting and then remembered that I was already late, so I

explained composed grabbed my backpack and hurried home.

Shortly after admiring arriving losing at our apartment, I realized with panic story writer that I had left Charlotte's Web

on the table presence reason at the food court. I confessed this to my literature activity mother, and she drove me back to the

item mall inch to search for the book.

That night knowledge apartment, I managed to summon the courage to return live phone Uncle Elliott. With a lump in

my

throat
assurance
secret

, I apologized for carelessly losing something that could never be

enjoyed
confessed
replaced

. Uncle

Elliott was gracious and forgiving, and I

felt
encountered
visited

 slightly relieved after the phone call; it was still

favorite
notable
painful

 and I knew it would remain so for a while, which is usually how it

goes
stammers
takes

 when one

learns a difficult life

lump
lesson
place

.



Correct _____

Incorrect _____

Forms of Levitation

The term “levitation” comes from the Latin root word “levitas,” which means “lightness.” An

object that can defy gravity and

complete
touch
rise

 and float in the air by itself is

created
said
used

 to levitate. Levitation

can refer to a

number
car
track

 of scientific and non-scientific events.

In today's

popular
big
similar

 culture, the act of levitating is most often

moved
linked
found

 with magical powers.

Magicians often state that they

believe
can
grow

 levitate, that is, that they can

learn
cause
occur

 people or objects to float.

These

claims
cancers
means

 have been exposed as a sham, as the

repelled
studied
supposed

 levitation is simply a trick completed with

shams
wires
forces

 and pulleys.

The scientific event of

levitation
culture
power

, however, is explained through the rules of

events
motors
physics

. Several

forms of levitation are the

focus
wire
lightness

 of valid scientific study. For example,

able
major
aerodynamic

 levitation

occurs when a material is

occured
suspended
thought

 in a vertical stream of gas and does not

link
mean
touch

 the container in

which it is

held
pulled
had

. This kind of levitation uses the

gas
friction
day

 pressure to lift an object up in order to

expose
combat
prove

 the force of gravity that pulls it down. An

energy
air
animal

 hockey puck is an example

of electric non-scientific levitation because it rides on top of claim air jets and skims the top of aerodynamic generator
the researcher table number .

One of the most studied forms of case study levitation uses magnetic force. Earnshaw's theorem states that it is not possible several to achieve levitation using fixed magnets and scientific valid electric charges. The theorem

was proven by Earnshaw in 1842 and has been suspended lived repeated many times. Now, scientists have

found come increased loopholes within Earnshaw's theorem, and have levitated objects charges acts using magnetic energy.

This can be defied done switched by using magnets that are not achieved fixed explained , switching the polarity within an

electromagnet system, or being using leading diamagnetic materials.

One example, a maglev train system, is based started caused on switching the polarity within an

application example electromagnet system. It uses magnets that are not ridden fixed combated and varies the strength of the

top magical force acting on the object. In this case material , it is a train that has no wheels gravity . This system coils

first levitates the train cars turbines generations and then moves them down the table track rule . The train has big magnets

under each **plane tumor car** and the train track has a **possible magnetized popular** coil along the track. The coil **benefits varies repels** the magnets on the cars and this **travels understands lifts** the train, and then the coils **start do float** switching their polarity in a systematic **way plus magnet**. As they switch polarity, they create **magnetic systematic vertical** fields that move the train forward. One **light efficient major** plus to this type of system is the **way lack kind** of friction; because the train cars don't **suppose levitate touch** anything, there isn't friction, and the **fields electromagnets trains** can go much, much faster than trains that **touch refer state** tracks. Some scientists believe these maglev train **objects cells systems** could one day travel faster than **pulleys loopholes planes**.

Similar technology is also being used in everyday **terms times objects** such as generators and motors.

Advances in **magnetic huge fast** levitation may lead to many scientific **magicians words applications** that could benefit our future. For **system example lack**, scientists are currently studying how to **hold lift use** magnetic levitation to create more efficient **theorem strength wind** turbines. These turbines would be huge, but may be **able simple aerodynamic** to increase energy generation by almost 20 percent. **Polarity Cancer Pressure** researchers are also using magnetic levitation

by

repeating
growing
doing

 cancer cells in a lab that are more

vertical
similar
light

 to the tumors found in living

animals
streams
wheels

 .

As we learn more uses for

container
levitation
puck

 and better understand how to create it with magnetic

force
future
type

 , we may start thinking of magnetic levitation as a

uses
means
forms

 to a “lighter” future.



Correct _____

Incorrect _____

Ancient Civilization: The Maya

The term “Mesoamerica” is used to describe central Mexico and parts of Central America before

the arrival of the Spanish in the 1500s. It was in Mesoamerica that the Maya

built
wrote
farmed

 a sophisticated

civilization that was known for its

rain
art
corn

 and architecture, as well as for its

fertile
main
mathematical

 and

astronomical systems. The start of the Maya

symbol
civilization
planet

 can be traced back to about 1500 B.C.,

resulting
feeding
reaching

 its height around 900 A.D.

The Maya

decorated
burned
built

 large cities, and their population grew to

roughly
directly
accurately

 two million. Each

city was independent and

led
washed
cut

 by its own king. Maya cities were

large
dependent
unsure

 on trade for goods,

but they also

believed
stood
fought

 wars with one another. The cities

featured
provided
recorded

 limestone pyramids with a built-in

stair-stepped

movement
design
resource

 that could reach over 30 stories

tall
astronomical
great

. These pyramids were

decorated with elaborate

lives
cities
works

 of art and inscriptions, or writing. The Maya also

moved
built
tracked

 palaces

for their kings, temples to

worship
have
mix

 their gods, and ball courts on which the

animals
beans
people

 played a game

much like modern-day

bark
glyph
soccer

.

Farms surrounded the great cities, and despite a lack tree king of farm animals and modern machines,

the Maya were expert royal different farmers. They grew enough crops, including maize, squash symbols sides, and beans, to

feed their large system invention population. The farmers used slash-and-burn agricultural methods in which they

played cut represented down areas of forests, burned the land step design, and mixed the ashes with the soil farms courts to make

it more fertile. The Maya also planted grew developed a system of irrigation that provided cycle theory water for their terrace

farms. In terrace farming flowing existing, they built steps into the side of a mountain forest syllable and planted crops on each

step; when it continued met rained, the crops' nutrients flowed from one rain change step down to the next rather than

being based washed discovered away down a steep hill.

The Maya rained believed read in many gods, including sun, rain, and history concept corn gods, and all parts of

Maya result squash life were ruled by religion. The Maya made believed used their kings were directly related to

wars populations gods, and the royal family's main responsibility was reaching tracking pleasing the gods and meeting their

needs, including knowing describing through human sacrifice. Mayan religious beliefs also processed led scattered to several

discoveries and inventions. For example, the Maya developed fought pleased a calendar based on the movement of the religion bar sun, tracked the cycles of the sun, good drought moon, and planets, and accurately predicted solar eclipses studies pyramids. The Maya discovered the concept of zero and believed reached used a base-20 number system in which a person dot mountain represented the number one and a squash bar step was the symbol for five. The Maya mixed played developed a system of writing in which they used predicted suggested symbols, or glyphs, to stand for a palace moon word or a syllable. They used this writing relating including system to record their discoveries, rituals, and lack history part and bound these writing into books made pleased forced from tree bark paper. Only four Maya books animals crops, known as codices, still exist today.

By about 900 A.D., the solar dependent great cities of the Maya civilization were empty tall natural and the population scattered. Scientists are sophisticated unsure mathematical why, though they have different theories. Some needs scientists histories think the Maya practices such as slash-and-burn ruling surrounding farming used up their resources and forced them to move represent bind. Others believe the ongoing wars between astronomical different severe cities resulted in

ruin. A third

eclipse
theory
change

 suggests the decline was the result of a

natural
steep
religious

 disaster or environmental

change, such as

modern
elaborate
severe

 drought.

Scientists continue to make discoveries about the Maya. Much of what they

lead
trace
learn

 comes from

the study of the

remains
arrivals
courts

 of their architecture and art. Learning to

worship
read
provide

 their hieroglyphics is

another process by which we

wash
continue
base

 to develop our understanding of this once great

farm
civilization
number

 .



Correct _____

Incorrect _____