



Dynamic Indicators of Basic Early Literacy Skills
8th Edition

Maze Benchmark

Grade 7

Student Materials

Name: _____

Date: _____

Practice Passage

Tom goes to a school far from his house. Every morning, he takes a school **art bus work** to go to school. In the **afternoon library morning**, he also takes a bus home.



Correct: _____

Incorrect: _____

Adjusted Score: _____

Fireflies

Do fireflies live near you? If so, you would see them **at** twilight in the summer.

Fireflies are **his** type of winged beetle that lights **in** like a small lamp. Their

abdomens **check** up to warn predators, attract prey, **if** attract mates. There are around

2,000 **species** of fireflies. However, fireflies all over **round** world are endangered and

their populations **are** falling. It is now increasingly rare **for** see them on summer

nights.

Fireflies **live** in temperate and tropical climates in **fat**, wooded areas. So

you are more **likely** to see them if you live **in** the countryside or in a wooded

highway than in a city. They hibernate **off** winter by burrowing underground or

under **my** bark of trees. In the spring, **her** emerge and begin feeding. They like **go**

Keep going



live near streams or ponds where **full** **least** young will have lots of sources **of** food. Their **in** **the** diets are varied. Some **frogs** **plants** eat slugs and snails while some **dance** **feed** on just plant **species** **watch**

nectar.

The ability **for** **on** light up is enabled by a **chemical** **laboratory** process called **magical** bioluminescence. The enzyme luciferase **acts** **gazes** on a compound called luciferin in **hates**

the very presence of oxygen and other chemical **candies** **elements**. This is what produces light **with** **sayings**

him **in** my firefly's abdomen. Fireflies flash these lights **by** **in** patterns to attract mates or **the** **to**

In **Out** some areas of the world, swarms **in** **of** fireflies have been observed to flash **Such** **the**

head **him** lights in unison. For example, the Thailand **firefly** **pattern** synchronizes itself perfectly **their** **whirl**

to other fireflies **are** **it** that large groups of fireflies flash **any** **during** lights on and off at the **so** **their**

Keep going 

last most same time. If you stand on a ceremony riverbank skyscraper in Southeast Asia at dusk, you are can try see
 these fireflies light up an entire inside ugly mangrove forest by switching on their dusks lights phones at the
 same instant then turning him them when off at the same instant. People haven't they'll who've seen these
 fireflies say that the effect mountain photo is beautiful and uncanny. Scientists are over quick still unsure
 why they engage in this behavior conspiracy government. But they have figured out how ever no the fireflies do

it, if not why.

Amylase Luciferase Substance, the enzyme that is key to if my the firefly's light, has been manufactured
 through genetic magnetic robotic engineering in labs. This synthetic enzyme can for give then be inserted
 into cells in many order that to observe cell processes like the formation headache retirement of tumors. The cells
 will express friendship luciferase sympathy under certain conditions and scientists can speak taste watch in real-time

Keep going 

how cells change and enable
grow
mark

These processes might also have applications by for the production of sustainable
on

light sources. Duck material could be engineered to contain bioluminescent bacteria.
Hall
Plant

If glowing trees might replace streetlamps on city streets!
Near dump
Then house

Unfortunately, firefly populations seem to be have dwindling across the globe. Since
want

they require dark, wet, and wooded areas to reproduce and eat, deforestation in many areas
is leading to their decline.



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Archimedes

Archimedes was a Greek mathematician, inventor, astronomer, and philosopher.

He was born in the Greek city-state of Syracuse over two thousand years ago.

Syracuse lies on the coast of Sicily, an island in the Ionian Sea that is now old than

part of Italy. Very little is known about Archimedes' life. A biography that was written

by a friend of his lived lost. We believe that his father tried an astronomer. He may

have spent some time studying in Alexandria, in Egypt, an important seat of

learning and scholarship in the ancient world. He spent most of his life in Syracuse,

but his reputation spread all over the ancient world.

Even though Archimedes invented many machines, studied her night-time

Very his greatest love and the subject he

Keep going 

covered
dressed
strapped

in his essays. He discovered formulas

for
off
we

the surface area and volume of

a
it
on

sphere. He calculated the value of pi,

for
my
the

number that describes the ratio of

a
his
lot

circle's circumference to its diameter. He

howled
jogged
worked

on the concept of infinity. He

complained
developed
installed

a system for estimating the number

as
for
of

grains of sand it would take

by
from
to

fill the universe.

His math was

colorful
rigorous
sweaty

and precise, and meets modern-day standards

any
for
the

geometry and calculus. He also had

a
it
she

great mechanical mind. His knowledge

checkers
of mechanics
pressures

showed itself in his mathematical work,

and
by
not

also in the machines he

was

caught
grown
known

for during his lifetime. He explained

all
the

how levers work, designed pulley

systems, and

destroyed
improved
triggered

the catapult.

Keep going 

For much of Archimedes' **heart**, Rome and Carthage were at war **only** each **delay** **down** **with** **life**

other, and fought for control **but** **next** Sicily. Archimedes designed war machines to **defend** **offend** **resolve** **of**

Syracuse. He made catapults, and something **called** **designed** a claw, which may have been **yelled**

a kind of crane with a grappling **bird** **hook** at the end that could attack **ships** **trains** **on** **her** **no** **thread** **waves**

the sea from inside the **city** **house** walls. He may have invented giant **dolphins** **mirrors** that could **sky** **paints**

use the reflected rays **far** **of** the sun to set ships on **call** **dinner** **fire** **up**. For two years, Rome had

Syracuse **but** **near** **with** siege. Syracuse held the Romans off, **the** city fell in the end.

Far **Little** **There** are several competing versions of exactly **from** **how** **who** Archimedes died.

According to a Roman **campaign** **historian** **statement** named Plutarch, Archimedes was studying a

considerate **frictionless** **mathematical** diagram when the Roman troops marched **into** **much** **often** Syracuse. A soldier

Keep going 

commanded him to: **come** **flee** with him to meet the General, **but** **how** Archimedes refused **that**

because he was absorbed: **and** **in** his diagram. The soldier drew his: **graph** **picture** and killed **to** **sword**

Archimedes. In some accounts, Archimedes' **dark** **last** words to the Roman soldier who **young**

drew **killed** him were, "Do not disturb my **circles** **lashes** **machines** **soaked**."

A circle and a sphere were: **emptied** **placed** on Archimedes' tomb. Eventually, the location **taken**

of the tomb was forgotten, and archaeologists have yet to find it.



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The Day the Sky Turned Black

My parents told me in July that the solar eclipse that was going to happen in August

was a very rare event. A solar eclipse is when the **ink** **moon** **spot** appears to completely blot out

the **dark** **night** **sun**. For this eclipse, in some parts **and** **of** **on** the United States the sun would **be** **tell** **want**

completely covered by the moon, although **he** **it** **now** would only be a partial eclipse **how** **place** **where**

we live. After my parents mentioned **him** **it** **sun**, it seemed like everyone was talking **about** **little** **within**

it and I wanted to know **more** **over** **some**, so I did some reading.

I **called** **read** **said** that in ancient times people were **calmly** **near** **often** terrified of full solar eclipses.

Since **him** **they** **what** did not understand what was happening **all** **for** **to** the sun, people in many

cultures **created** **forced** **heard** elaborate myths and stories to explain **computers** **eclipses** **rockets**. Usually in these

myths and stories **absent** **much** **some** animal, dragon or demon would try **go** **to** **we** eat the sun. People

Keep going 

would go **forever** outside and bang on drums or ring **bells** ears until the animal or the demon **upstairs** rungs

began created swallowing the sun and let it go **ask** Then they could relax again until **first** **stopped** snow soft the

next eclipse, when they would have **some** to rescue the sun all over again. **with**

He I imagined that when night suddenly fell **in** next the middle of the day, the **Who** up

confidence performance would drop and the stars would **blow** come out. Babies, and people who **temperature** die

hadn't **heard** played about the eclipse, would weep and **dance** record with fear. Birds would fly **showed** tremble

into **ever** if trees, cats would go out hunting, **and** even dogs would curl up in their **dropping** **the** no sleeping

places. Even though people now are **most** not sophisticated to believe that a monster **back** **or** **with** **too**

beast had eaten or stolen the **food** jar, a terrible feeling of impending evil **had** through be felt **sun** would

on the streets. Maybe **as** he sounds weird, but I was excited **in** so experience this feeling, **it** to

Keep going 

especially since I **broke** it wouldn't last long. I thought **and** once the sunlight started **but** **was** **that**

to come **back** just **now**, there would be a feeling of **fear** **good** **sorry** triumphing over evil.

On the morning **from** of the day of the eclipse, my **beast** **dad** and I made a viewer **with** **sun**

out **by** in a cereal box. We cut off **first** his top, glued a piece of white **light** **noise** to the bottom, **of** **the** **paper**

covered half the **eclipse** **mouth** with a piece of aluminum foil, **and** **but** poked a hole in the foil **opening** **that**

free on a pin. Then we had to **fear** **spill** **wait** **with**

When the eclipse started, we took **none** **only** viewer out to the balcony, and **cast** **stood** **yelled** **the**

with our backs to the sun. **If** **No** adjusted the viewer until the sun **caused** **shone** through the **We** **wept**

pinhole and made a **discipline** **mythology** on the white paper on the **bottom** **course** of the box. It was **reflection** **writer**

very **dark** **gone** **tiny**, and looked like if you had **beat** **cut** a cookie with a circular cutter, **and** **but** **there**

Keep going 

