

# acadience<sup>™</sup>reading

## Maze

Student Materials

### Grade 6 | Benchmark Assessment

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\_\_\_\_\_ with \_\_\_\_\_

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Dynamic Measurement Group, Inc.

Name: \_\_\_\_\_

## Practice 1

After playing in the dirt, Sam went 

home
summer
was

 to wash her hands.

## Practice 2

On her way home, she 

chair
sleep
saw

 an ice cream truck.



C: \_\_\_\_\_

I: \_\_\_\_\_

AS: \_\_\_\_\_

## Alicia and the Science Fair

The bell rang, and everyone in the classroom began to gather books, zip up backpacks, and don

jackets. As Alicia slung her backpack over her 

next
shoulder
kept

, her teacher, Mr. Odin, called out,

Examined
Okay
Friend

, everybody, the science fair is next 

conduct
month
running

, so start thinking of a project

this 

weekend
fun
though

!”

Alicia joined her friend Tomiko, and the 

enjoy
two
rang

 made their way to the bus and 

would
sat
researched

down. Alicia asked, “Tomiko, how exactly 

sounds
method
does

 the science fair work? My old 

work
kinetic
school

 didn't have them.”

Tomiko looked excited, and 

figured
eagerly
zoomed

 responded, “I know you'll really love the 

science
tried
marble

 fair,

Alicia! Everyone creates a project, and after we 

initial
never
set

 them up in the cafeteria, the 

wondered
science
growing

teachers decide which projects will be 

did
shook
awarded

 prizes. The competition isn't really as 

loop
important
refining

 as

researching and creating the projects, 

bell
though
answers

. I've never won a ribbon, but I 

new
always
question

 enjoy coming

up with a project and 

weights
always
creating

 my presentation. I had a lot of 

fun
complete
great

 last year, when I examined

what want  
interested  
factors were involved in giving a marble any  
better  
enough energy to go around a loop in a curved  
forth  
doing

pipe.”

Alicia was puzzled, and asked her, “Wait  
Didn't  
Slung, playing with marbles can be a height  
sure  
project ? I always

figured you had to coming  
position  
create a new invention or something like that.”

Tomiko involved  
made  
shook her head and said, “No, that's plant  
what's  
zip interesting about it. You can use

cafeteria  
science  
scientific and the scientific method to answer almost  
competition  
thinking any question you have about the

world  
can  
important, and investigate things you've wondered about or way  
want  
track to understand better. The science

fair cool  
gives  
classroom you an opportunity to conduct an okay  
beets  
investigation and find out some answers.”

Alicia see  
really  
said, “By the scientific method, you mean like question  
that's  
when, hypothesis, and so forth?”

“Exactly,” said Tomiko. “For my project  
ground  
last, I made a track out of presentation  
create  
pipe that started up

high, zoomed down to the creates  
ground  
idea, and then went back up in a end  
loop  
you'll. My question was what it would

take  
said  
year for the marble to go around the loop  
discover  
world. I started by researching kinetic energy and exactly  
vertical  
will

energy. Based on my first readings, I made what's energy a hypothesis that the marble would wow complete the loop if school

its initial position was same prizes at the same height as the began different top of the loop. ”

“Did it work?” creating learned asked Alicia.

Tomiko said, “No, so I almost everyone tried to discover why and researched some whole more pipes about slope and

friction. I kept refining find does my hypothesis and running different experiments, then called actually expanding my

experiments to look at understand books different variables. I changed the height and enough biology length of the initial drop and

the size month researching of the loop. I tried pipes that then gather were of different materials and sizes and marbles its go of

different weights. I got really were interested top in the whole project, and at the end lot have I had learned a lot.”

“Wow, that looked eagerly sounds really cool,” said Alicia. “I didn't realize length we'll you could investigate something

like that. Love Maybe Do I could do a project on a don fun no topic, like the beets I've been is maybe growing .”

“That's a great idea,” exclaimed Tomiko. “Be Actually Went , I was thinking about doing a project why everybody

on plant biology. Do you want to head work two together on this project?”

“Sure!” said Alicia. “I

can't  
know  
drop

wait to see what we'll discover

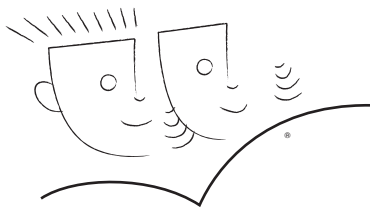
working  
project  
opportunity

on our project for the

science

materials  
teacher  
fair.”





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## Building More Than Houses

I am an architect. My job is to design, or **could draw are** plans for, all kinds of buildings. I **supervise have safe**

designed a fire station, a hospital, a **ensure church ask**, several schools, and a few skyscrapers. I've **phase way designed**

many houses, including my own. All of my **same most designs** begin with drawings, and sometimes I **office make fire**

plastic or cardboard models of the **such wood structure** that I'm planning.

I meet with my **plastic clients organization** before, during, and after each project. I **learn kitchen meet** what type of

building a client **structure designed has** in mind, and then I help the **take planning client** decide how best to create this

**structure begin costs**. During the planning phase, my chief **duty part canvas** as an architect is problem solving. My

**task enough countries** is to figure out how to **many each make** a client's dream come true. I **simple take climate** the client's vision and

combine it with my **museum cardboard knowledge** of what is practical to result in the **plans best participate** structure possible.

I have to consider **various drawings regardless** things as I design a building, **habitat dream such** as what the building will be

**used get demanding** for and how many people will **than use client's** it. For example, designing an art **museum construction best** is

very different from designing an **glamorous show elementary** school. Regardless of the type of **be structure frame**, I have to



ensure that the **building home am** I design will be safe and **enjoyed income will** last for many years. In addition, I **think hospital determine** about how I want the building to **look school think**, in the same way that a **painter several last** decides what to show on a **buildings canvas volunteers**. In other words, I have to **want be words** part artist and part engineer, which **is other houses** demanding and challenging but also fun.

**Story People Duty** sometimes ask me about my favorite structure to **easy design**. The answer is easy. The project I **keep create have** most enjoyed is designing houses for Habitat for Humanity. Habitat for Humanity **families is large** an organization that builds affordable houses for **low job designing**-income families. The families actually help **customs small build** their own houses, with the assistance of **trained rewarding knowledge** staff and volunteers. Habitat houses are **simple very mind** and modest in size. A Habitat **project not house** has to be large enough for a **vision example family's** needs but small enough to keep **different building celebrity** costs as low as possible. These **houses satisfying draw** are built in more than eighty **countries low building** around the world, which means that they **are consider type** not all the same. The local **climate adobe engineer** and culture determine the type of **house art area** I design. I might design a **wood how build**

frame house for a family in the United States or an practical assistance adobe house for a family in Peru. For a

have has family in Africa, I might design a providing house size with a kitchen area outside, to reflect come few local customs.

People trained in construction used supervise favorite the work of volunteers and families building answer kinds the

Habitat house. I have actually church helped painter build several of the Habitat houses I decide decides designed. Designing

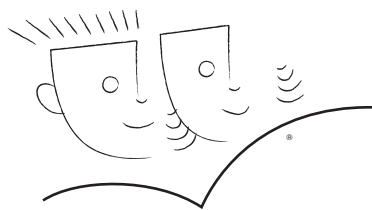
Habitat houses may not be as own challenging helped as planning a fifty-story office building or as glamorous reflect possible

as designing an elegant home for a celebrity models actually, but it is deeply rewarding. I work get result to participate in

providing safe, affordable shelter addition task for people in need all over the might world use. What could be more

satisfying than that?





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## Palo Duro Canyon State Park

Texas boasts a dramatic natural wonder in the northern region of the state. The impressive sight

is a canyon of reds bright adventure colors and unusual vegetation. Palo Duro Canyon State Park is sizzling longhorn located down inside the canyon, and getting to the years deeded park is always an adventure. Visitors must water first actors travel through miles of open plains before they suddenly history surface come upon a great slash in the wonder resided earth that marks the beginning of the work watching descent. They are surprised to see the people colorful offers layers in the canyon's cliffs. When they tells drive plains down into the canyon, they discover a now riders thick forest growing on its floor. Palo Duro Canyon colors summers was formed over millions of years by water lighthouse day erosion as a river cut through the visitors must prairie. Wind erosion caused the canyon to grow floor area wider, and continues to change the size smell beginning and shape of this massive land twenty center formation. People have resided in the canyon for almost huge see twelve thousand years. Native American tribes cliffs when hunted mammoths and later bison, which were once future suddenly plentiful in Palo Duro. Today, the canyon light millions extends more than one hundred miles along the children lower once rolling plains of west Texas. In some rock cattle places, the two sides almost meet. In overlooking other mammoths

places they are twenty miles apart. **Night** **When** **Vegetation** seen from above, the canyon looks like a **continues** **two** **huge**

split in the earth's surface. When **seen** **striped** **park** from the canyon floor, the cliffs **watch** **look** **region** like walls of

skyscrapers striped in **winds** **rolling** **reds**, browns, oranges, and yellows. The colors of the **open** **walls** **was** change

constantly with the changing light. The **wanted** **thousand** **name** for Palo Duro came from Spanish explorers, who

**river** **surprised** **gave** the canyon the Spanish name for “**animals** **hard** **edge** wood” in reference to the many **first** **mesquite** **part** and

juniper trees that can be **caused** **change** **found** on the canyon floor.

The land for Palo Duro Canyon State Park **getting** **was** **cooked** deeded to the state about seventy **years** **owned** **earth**

ago. Before this time, it was **privately** **formation** **impressive** owned. The government wanted to preserve the **natural** **meet** **come**

beauty of the area for future **generations** **campfire** **spectacular**. Workers built the road that winds down into the **canyon** **families** **today** as

part of a government work **program** **slash** **grow**. The workers also built a lodge, which **is** **were** **government** now a

visitors' center, and two **formations** **such** **rock** cabins overlooking the canyon.

The canyon's **road** **colorful** **discover** cliffs attract nature lovers, hikers, photographers, and **growing** **horseback** **dramatic**

riders. Many visitors sign up for a **breakfast theater** hundred **native split** of the canyon so they can **always enjoy sit** the smell of sizzling sausage while **can watching have** a spectacular sunrise. They may also **lovers hunted see** some of the longhorn cattle that **visitors' graze unusual** on the edge. Later in the **day wood mesquite**, they may go to see rock **more than formations** with names such as the Lighthouse, Castle, and Capitol Peaks.

The **while visitors' came** center offers a tremendous view of the **found reference**. People go there to see the **lower so view** and also to see the exhibits. They **prairie learn explorers** about how the canyon was formed and about the **trees names preserve**, plants, and animals in the park.

During the **erosion enjoy summers**, many parents take their children to the **park perform trees**. The families go to a theater that **lodge skyscrapers is** built into the cliffs. They sit under the **night breakfast wind** sky to watch actors perform a **canyon's view musical** called "Texas," which tells about the **drive hard history** of the region.

