PHYSICAL SCIENCE AND ENGINEERING · EXPLORERS (K–2)

Science Center Field Trip Worksheet

Name _____ Date _____ Place visited _____

Science hunt: check each one when you find it.

- ☐ Something you push
- ☐ Something you pull
- ☐ Something that makes a sound
- ☐ Something that makes light
- ☐ Something that spins
- ☐ Something that floats

What happened when you pushed or pulled something harder?

Draw your favorite exhibit. Draw an arrow to show what moved.

PHYSICAL SCIENCE AND ENGINEERING · INVESTIGATORS (3–6)

Science Center Field Trip Worksheet

Name _____ Date _____ Place visited _____

Pick two exhibits. Fill in one row for each.

Exhibit	What I did	What happened	Why I think it happened

Find something that stays still and something that moves. What forces are acting on each? Are they balanced?

Where did you see energy change from one kind to another (motion to sound, electricity to light)?

PHYSICAL SCIENCE AND ENGINEERING · FIELD RESEARCHERS (7–12)

Science Center Field Trip Worksheet

Name _____ Date _____ Place visited _____

Treat one exhibit as an experiment. What can you change (independent variable)? What do you measure (dependent variable)? What stays the same?

Run three trials and record them.

Trial	What I changed	What happened
1		
2		
3		

Explain your results with a scientific idea you know. How sure are you, and why?

Redesign the exhibit to teach the idea better. Name one criterion it must meet and one constraint it must work within.