Let’s look at page 10. Read “basketball hoop” to yourself & try to answer the 3 questions related to it.

Share

While we are talking about metals and physical properties, why do you think metal is used in light bulbs? (bc it conducts electricity.)

Last year you should have learned about energy. Now that you know the meaning of chemical properties, Why is digestion considered chemical energy? Think about what new substance is formed within the body (it breaks down food/calories and turns it into a new substance, energy/fuel.)

Look at “Charcoal briquettes” & the “apply it” on page 11. Read it to yourself and answer the questions using your partner for help.

**Matter:** anything that has mass and takes up space

Matter has 2 kinds of properties:

**Physical: characteristic that doesn’t change the substance**

**Chemical: characteristic that describes its ability to change into a new substance; able to react or NOT**

**react.**

**Physical: Chemical:**

state(solid, liquid, gas) ability to rust

Freezing, melting, & boiling point ability to tarnish

Luster flammability (ability to burn)

Flexibility ex: metal has the ability to rust= iron+oxygen=iron

Ability to conduct elect/heat oxide (red)

Temp, texture, color, hardness ex: wood has the ability to burn>>>ash is created
Ex: icecream (solid or melted=same substance) \*ability to change into new substance

\*Can be observed through the 5 senses & no
change in substance \*NO NEW SUBSTANCE

Weight
height