

Name: \_\_\_\_\_ Number: \_\_\_\_\_ Teacher: \_\_\_\_\_

## Discovering Forms of Energy Stations

### Heat/ Thermal Energy

#### From the World Book Kids Article:

1. We use \_\_\_\_\_ to do work and make our lives better.
2. The \_\_\_\_\_ is our most important source of heat.

#### From the video:

3. Even \_\_\_\_\_ things have heat.
4. Anything with \_\_\_\_\_ has heat.
5. Molecules in cold things are moving more \_\_\_\_\_ than molecules in warm things.

### Light Energy

#### From the World Book Kids Article:

6. Human beings can see only a small part of this range. This part is called \_\_\_\_\_ light.
7. When light passes through something, it may \_\_\_\_\_ and change its direction.

#### From the video:

8. White light is a mixture of \_\_\_\_\_ the colors of the rainbow.
9. Without different colors of \_\_\_\_\_ we couldn't see different colors of things.
10. An orange absorbs all the colors of light except \_\_\_\_\_.

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### Sound Energy

#### From the World Book Kids Article:

11. Every sound we hear is made when an object \_\_\_\_\_, or makes quick, tiny movements back and forth or up and down.
12. Although many sounds travel through the air, \_\_\_\_\_ can move through any material, including water, solid earth, wood, glass, brick, or metal. is our most important source of heat.

#### From the video:

13. When sounds travel we are actually hearing how the \_\_\_\_\_ affect the air molecules.
14. Sound waves travel \_\_\_\_\_ than light.
15. Higher sounds \_\_\_\_\_ more quickly.

### Mechanical Energy

#### From the World Book Kids Article:

16. Mechanical forces act when objects \_\_\_\_\_ each other.
17. Sometimes more than one \_\_\_\_\_ acts on an object at the same time.

#### From the video:

18. Everything in the universe, including you and me is in \_\_\_\_\_.
19. \_\_\_\_\_ put things in motion.
20. When something is \_\_\_\_\_, it keeps moving unless acted upon by an outside force.