

## SCIENCE WRAP Game 1 (50 cards)

Directions: Print this file and cut out the 50 cards. (Pages will line up to make this easier). Mix up the cards and distribute all to the class or group. Each student may be given one card, two cards or several cards, but all cards must be distributed in order for the game to work properly. This will mean that some students will have one more card than others.

Each card contains an answer followed by an unrelated question. Any student can begin by reading the question on his/her card. The student with the card containing the answer responds by reading the answer, followed by the question on her card. . Another student replies , and so forth. The game will end with an answer by the same student who began the game. At this point, all other cards should have been read.

Mix up and redistribute the cards. Time your students to see how quickly they can get through the stack, and then challenge them to do it faster. A list of the questions and answers is included in this file after the cards.

1

**I have eight.**

**Who has units used to measure mass?**

2

**I have grams and kilograms.**

**Who has the color of visible light with the shortest wavelength?**

3

**I have violet light.**

**Who has units used to measure the volume of a liquid or the capacity of a container?**

4

**I have milliliters and liters.**

**Who has another name for a conclusion based on things known to be true?**

5

I have an inference.

Who has an instrument that can measure the mass of an object?

6

I have a balance.

Who has a kind of energy produced by vibrating matter?

7

I have sound.

Who has the three states of matter?

8

I have solid, liquid and gas

Who has a kind of energy that is both a particle and a ray?

9

I have light.

Who has the smallest part of an element?

10

I have an atom.

Who has the kind of mixture that is made when one substance dissolves into another?

11

I have a solution.

Who has the different wavelengths of light?

12

I have red, orange, yellow, green, blue and violet.

Who has the compound H<sub>2</sub>O?

13

I have water.

Who has an object that refracts visible light, making the different wavelengths bend at different angles?

14

I have a prism.

Who has a translucent object?

15

I have wax paper.

Who has an opaque object?

16

I have a book.

Who has three elements, (pure substances)?

17

I have oxygen, helium and gold

Who has something all living things are made of?

18

I have cells.

Who has the kind of cell that is usually rectangular?

19

I have a plant cell.

Who has animals with backbones?

20

I have vertebrates.

Who has matter made of molecules that move rapidly and spread apart to fill any container?

21

I have a gas.

Who has something plant cells have, but animal cells do not have?

22

I have a cell wall and chloroplasts.

Who has a nonvascular plant?

23

I have moss.

Who has a plant that reproduces using spores, not seeds?

24

I have a fern.

Who has the kind of energy objects have when they are in motion?

25

I have kinetic energy

Who has something with potential energy?

26

I have an apple hanging from a branch.

Who has a circuit with only one pathway for electric current?

27

I have a series circuit.

Who has something that won't conduct electricity?

28

I have an insulator.

Who has electricity created by rubbing certain materials together?

29

**I have static electricity.**

**Who has the male reproductive part of the flower?**

30

**I have a stamen.**

**Who has the part of a plant that takes water and nutrients from the soil?**

31

**I have a root.**

**Who has the part of the plant that makes food for the plant?**

32

**I have a leaf.**

**Who has an instrument that measures air pressure?**

33

**I have a barometer.**

**Who has an instrument that measures wind speed?**

34

**I have an anemometer.**

**Who has rocks formed by melting and cooling?**

35

**I have igneous rocks.**

**Who has rocks formed by layers of sediment over long periods of time?**

36

**I have sedimentary rocks.**

**Who has the reason we have seasons?**

37

**I have the tilt of the Earth.**

**Who has cause of day and night?**

38

**I have the rotation of the Earth.**

**Who has the part of the cell that is the control center of the cell?**

39

**I have the nucleus.**

**Who has the outer layer of animal cells?**

40

**I have the cell membrane.**

**Who has vascular plants?**

41

**I have trees and most flowering plants.**

**Who has the compound NaCl?**

42

**I have salt.**

**Who has a puffy, dark cloud that brings thunderstorms?**

43

**I have a cumulonimbus cloud.**

**Who has a cloud that is high, thin and wispy?**

44

**I have a cirrus cloud.**

**Who has the border between two air masses, where a change of weather occurs?**

45

**I have a front.**

**Who has the process through which a liquid changes to gas?**

46

**I have evaporation.**

**Who has the kind of material through which sound travels fastest?**

47

**I have a solid.**

**Who has the measure of the number of sound waves that pass a point in a certain time?**

48

**I have sound frequency.**

**Who has the measure of the distance from the peak of one sound wave to the next?**

49

**I have a sound's wavelength.**

**Who has the color of visible light with the longest wavelength?**

50

**I have violet.**

**Who has the number of planets in our solar system?**

Teacher Guide:

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