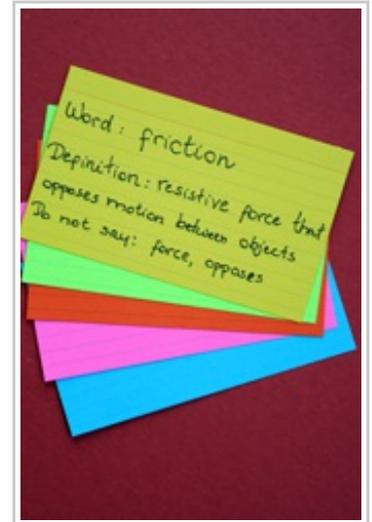


Play Science Password!

Help improve your middle schooler's science vocabulary by playing a variation of the game "Password". This activity will help your child review science concepts, learn new ones, and become familiar with the definitions and examples of various concepts in science. Plus, it's fun!

What You Need:

- Index cards
- Pen
- Paper
- Science textbook
- Timer



What You Do:

1. Use the science password word bank (below) and index cards to create playing cards for the game. On each index card write the word, definition, and words that you cannot say, all on the same side of the card. These are the playing cards you will use when it is your turn to read.
2. Have your child create 15 similar playing cards using the index cards and his science textbook. Have him use the glossary and write one word with its definition on each playing card, then challenge him to write two logical words he cannot say when reading that term. These will be the playing cards he will use when it is his turn to read.
3. Shuffle each of your "decks" and let the game begin! Set the timer for 30 seconds. First you pick a card from your pile. Try to get your child to guess the science term. However, you may not simply read the definition, say the word(s) itself, OR say either of the words in the "Do Not Say..." column (no fair changing the tense or form of the word!). See if he can guess the word before the 30 seconds are up. If he guesses correctly before the time is up, he gets 1 point. If you use one of the "Do Not Say..." words or the word itself while trying to get your child to say the correct word, you lose 1 point.

Example Card:

Word: friction

Definition: resistive force that opposes motion between objects

Do Not Say: force, opposes

Example Play:

You could say: slows things down, occurs between car tires and the road, using the breaks to stop a car takes advantage of this concept, there is less of this when you ice skate than when you walk on pavement, air resistance is a type of this, etc.

4. Swap. Now it is your child's turn to try to get you to guess one of the words from the playing cards he created. The same rules apply as stated in Step 3. Keep track of the score on the paper.
5. Continue play until either one player reaches 10 points or there are no cards left. The player to reach 10 points first or with the greater number of points when the cards are gone wins!

SCIENCE PASSWORD WORD BANK

<i>Word</i>	<i>Definition</i>	<i>Do Not Say...</i>
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atom	smallest particle that still has the properties of an element	particle, element
asteroid	small, rocky object that orbits the sun	orbit, sun
barometer	instrument that measures atmospheric pressure	pressure, instrument
climate	general weather conditions over a long period of time	weather, time
chemistry	study of matter and its changes	matter, study
density	mass per unit volume	mass, volume
ecosystem	all the living and nonliving things in a particular place	living, place
evaporation	change of phase of a liquid to a gas	phase, liquid
fossil	traces of plants or animals found in rocks	animal, rock
gas	phase of matter with no definite shape or volume	shape, matter
pH	measure of acidity of a solution	acid, measure
Richter Scale	scale that measures the magnitude of an earthquake	earthquake, measure
speed	distance traveled divided by travel time	distance, time
troposphere	Atmospheric layer closest to the Earth's surface	atmosphere, surface
watt	unit of measurement for power	power, unit