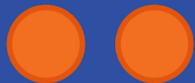




ACT
PREP

■■■ SCIENCE ■■■



Power UP: Science ACT Prep, Week 2

Vocabulary





Essential Question

How can I increase my ACT score?



Learning Objectives

- Understand the content expectations for the science test
- Make connections between science terms and concepts



Mixed Up Science:

Pirjetu's gamtenic field interacts with the talsy noace and produces a second gamtenic field around Roepau. A craft has found evidence of this second gamtenic field.

Based on the information above, which of the following materials must be present on Roepau for a gamtenic field to be present?

- a) Frozen H₂O
- b) Pirjetu
- c) Talsy
- d) Lava



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Anchor Chart

What clues did you use to figure out the right answer?



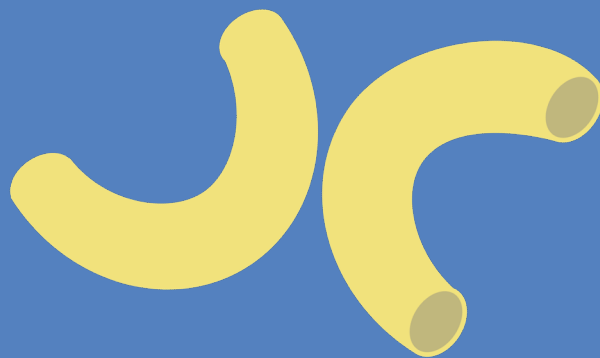
Science Word Sort

Sort the cards by grouping the words.
You decide the rules for how you group them.



Elbow Partners

- Find an elbow partner.
- Compare your card groupings.
- Make any adjustments you want to your cards.



Science Definitions Sort

Sort the cards by grouping the definitions in a way you think go together.



Science Words & Definitions

| | |
|---------------------------|--|
| Celsius | A measurement of temperature in which water freezes at 0 degrees and boils at 100 degrees |
| Control Group | The group that does not experience a change in an experiment |
| Control Variable | A variable that is intentionally not changed in an experiment |
| Correlation | An observation that as one thing increases another decreases or that they both increase or decrease together |
| Dependent Variable | The variable that is observed to see if it experiences change as a result of an experiment |
| Experimental Group | The group that has some variable change in an experiment |
| Hypothesis | A predicted outcome as a result of an experiment |

| | |
|-----------------------------|---|
| Independent Variable | A variable changed by an experimenter to test a hypothesis |
| pH | Measure of the amount of dissolved hydrogen ion found in pure water: base, acid, or neutral |
| Product | Compound that is formed after a chemical reaction |
| Reactant | Something that exists before a reaction takes place |
| Solute | A substance that is dissolved in a liquid |
| Solution | A homogenous mixture of one or more substances dissolved in a liquid |
| Solvent | A liquid that dissolves other substances |
| Wavelength | The distance between peak to peak of a wave |

Goal Setting

- Have you worked on your selected actions?
- What new goals do you have?

| ACTIONS | DATE | | | | | | | | | | |
|---------|------|--|--|--|--|--|--|--|--|--|--|
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You Powered Up!



K20
L•E•A•R•N