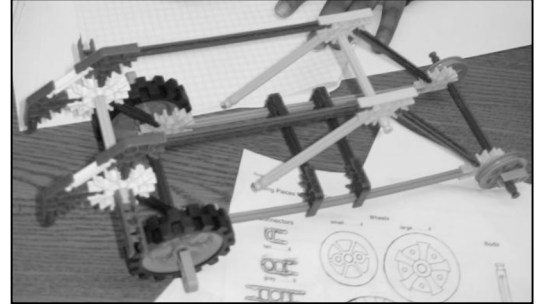


How fast can you make it go?

In class you designed vehicles using K'nex pieces. You and your classmates tried different design features to make the vehicle move faster than the original one.

Imagine that you have the opportunity to redesign your vehicle. Write a paper explaining what design features you would choose to make your vehicle go faster. Use evidence to support your ideas and explain your reasoning.

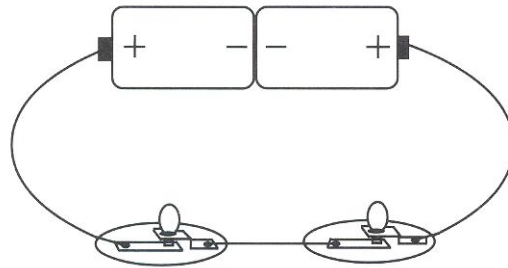


As you write your assignment, it's important to use what you know as a writer to communicate your ideas effectively.

- Organize your paper with a clear claim, supporting evidence, and reasoning that shows how your evidence supports your claim.
- Include evidence from class activities, experiments and other resources.
- Use vocabulary that you have learned in science class.
- Consider using a web or graphic organizer to help you plan your writing.
- Correct grammar, punctuation, and spelling errors before you write your final paper.

Will it light?

Amanda thought she could get two lamps to shine brightly with this circuit pictured below. Using what you have learned from your work with electric circuits, write a paper explaining whether you think Amanda's circuit design will work. Use evidence to support your ideas and explain your reasoning.



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What happened to the Marmas?

A small, short-furred gray animal called a Marma lives on an island. This island is the only place on Earth where the Marma lives. The island habitat is warm and provides plenty of the Marma's only food—tree ants. The Marma lives high in the treetops, hidden from predators.



One year the habitat experienced a drastic change that lasted for most of the year. It became very cold and even snowed. All of the ants died. The trees lost their leaves, but plenty of seeds and dried leaves were on the ground.

Some students believe that the Marmas adapted by hibernating through the cold period until it was warm again and by switching to eating seeds. Other students believe that the Marmas died.

Write a paper that identifies which students best describe the effect that the change in habitat would have on the Marmas. Use evidence to support your ideas and explain your reasoning.

As you write your assignment, it's important to use what you know as a writer to communicate your ideas effectively.

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- Include evidence from class activities, experiments and other resources.
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