

Mars Rover Model Celebration – Lesson Plan



conditions:

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Introduction:

One of the new vocabulary words for this unit is “conditions”. The word condition has several meanings but when we add an “s”, conditions often refers to “the weather or situation at a particular time or place and how this affects everything and everyone”. The weather conditions affect everything that people do. When the conditions are stormy, people have to watch out for flooding and drive slowly because road become slick and dangerous. When the weather is cold, people need to bundle up with layers of clothing. When weather conditions are ideal, people often go outside to enjoy sports, picnics, parks and beaches. Conditions can also refer to other situations that affect people and things. For example, the bumpy and rocky conditions on dirt roads can puncture car tires and can make people sick.

Example:

Let’s look at some pictures that will better help us to better understand meaning of conditions. The pictures show three different types of weather conditions—stormy, ideal (or perfect), and snowy. The different conditions will impact what the people in these places will be able to do. The weather conditions on the moon and other planets also impact space missions and astronauts. Astronauts wear spacesuits so they are protected from conditions of extreme cold and heat. Mars rovers need to be built to withstand weather conditions that include extreme cold, high winds and sandstorms.

Reflection:

I am going to describe some weather conditions. I want you to raise your hand to tell me how the conditions I describe might affect you and how you might prepare for the conditions.
(Teachers: there are suggested answers but accept any reasonable responses from your students.)

- Cold, snowy, windy conditions. (Affect: might stay inside, might not have school. Preparation: heavy jacket, snow boots, scarf, wool gloves or hat)
- Conditions of heavy rains but pleasant temperatures. (Affect: might stay inside. Preparation: rain boots, umbrella, raincoat.)
- Windy conditions, but sunny outside (Affect: might fly a kite, might carry homework in a backpack. Preparation: bring a windbreaker, might not wear a hat)
- Sunny and warm conditions. (Affect: Play outside, go to the park, ride bike. Preparation: light clothes, sunglasses.)

Make it personal:

Think of something a time when you prepared for a particular set of weather conditions. Tell your neighbor what the conditions were, how the conditions affected you and how you prepared to deal with the conditions. Start your sentence with “One time, the weather conditions were...” I will ask some of you to share what you told your neighbor with the whole class.