Date

How do storms move around the world?



STEP 1: How do storms move across North America?

Watch the video of storms moving across North America and draw arrows on the map below to record the patterns of storms you observe.

Draw arrows to indicate the direction that each storm moves through this region.



STEP 2: Why is this pattern important?

Explain below why it would it be helpful to understand the patterns of storm movement.

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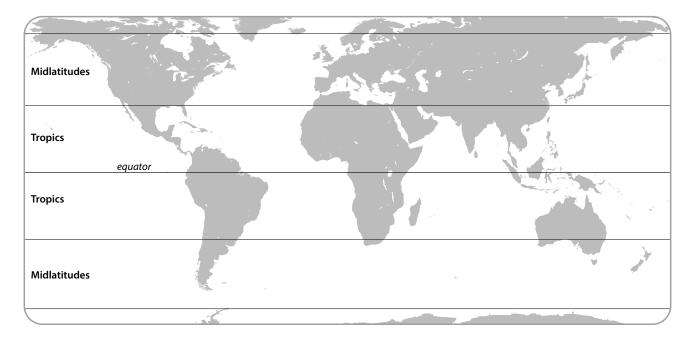
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STEP 3: Observe precipitation movement around the world.

Watch a video of storms as they move around the world. How do storms move near the equator? In the tropics? In the midlatitudes?

Draw arrows on and write on the map below to record your observations of moving storms from the video.





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STEP 4: Discuss your observations.

Discuss the following questions with your peers and record your answers below. Be ready to share your ideas in a whole class discussion.

1. What patterns did you notice about how precipitation moves around the world?

2. What questions do you have about these patterns?



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STEP 5: Form an initial explanation.

What do you think could be causing these patterns of global storm movement? Draw on your knowledge from Learning Sequences 1 and 2 to answer the questions below.

1. What do you know about what causes rain?

2. What do you know about what causes air to move?

3. How could the same processes affect the whole world?