

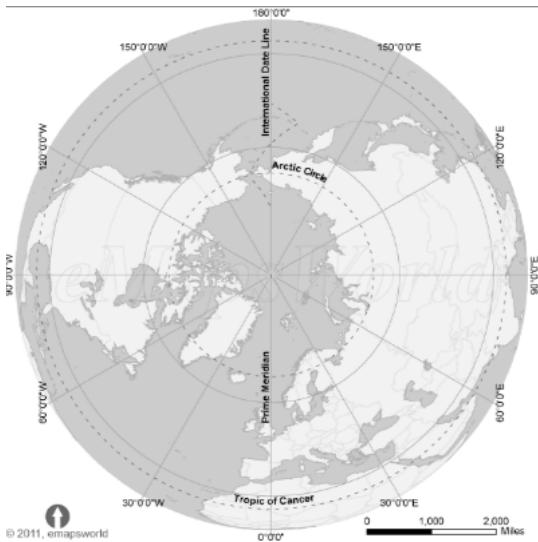
Name: _____

Activity 1.

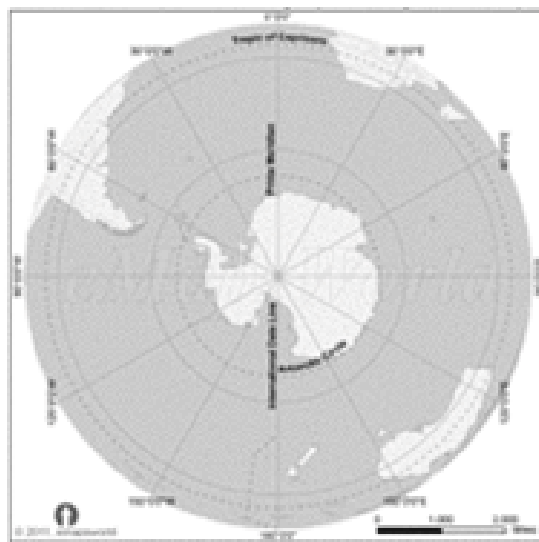
MATERIALS: Blow up globes.

PROCEDURE: Work in partners. Hold blow up globe upright so you can see the northern and southern hemisphere. Turn the globe so the Earth is turning the way it does in real life (Hint: remember the sun's light hits the east coast of the United States before the west coast).

While spinning the globe turn it so the North Pole is facing your partner. Draw an arrow on the map showing the direction the Northern Hemisphere appears to be turning from the perspective of the North Pole. Then turn the globe with the South Pole facing your partner. Draw an arrow on the map showing the direction the earth turning from the south pole? Change partners and repeat.



Northern Hemisphere



Southern Hemisphere

What directions are they spinning? Clockwise or counter-clockwise?

View from South Pole: _____

View from North Pole: _____

Activity 2:

MATERIALS: heavy paper disk (with a hole punched in the center), medicine dropper, stick in a paper upside-down Dixie cup

PROCEDURE: Insert the nail through the paper disk until the paper rests flat on the base of the stick. Spin the disk of paper and at the same time that it is spinning, squeeze 1-2 drops of water near the center of the disk. Draw what happens. In what direction did the water go? Why? Spin the disk in the other direction. What happens?

RIGHT TO LEFT	LEFT TO RIGHT

CONCLUSION: What factors influence the movement of water?
