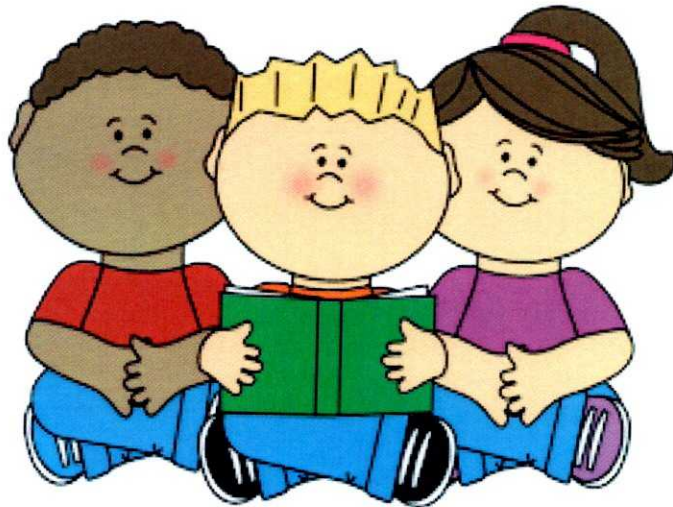


Taylor County Schools

Day 2

Third Grade



1. Complete this packet on the second ICE Day.
2. Write your name on the booklet.
3. Return this completed packet after the ICE Pack Day. You will keep the others in the envelope for future ICE Pack Days.

The Tundra

The tundra is a flat, dry land with no trees. It is near the North Pole. Cold winds sweep across this land. There is little rain. The summer is short, and it never gets very warm. Since it is always cool and dry, things do not rot. Plants and animals that died thousands of years ago have been found in near-perfect shape on the tundra.

The tundra is close to the top of the world. So it has a long period where the sun doesn't shine. It is dark all day and all night in December. Then, in June, the sun never sets! It is bright all day and all night.

No trees live there. Their roots cannot grow. The dirt under the ground is always frozen. It is called permafrost. Only plants like grass and moss live on the tundra. They have short roots in the part of the soil that thaws and freezes.

There are some ponds. But no frogs or other amphibians live there. There are no snakes or other reptiles. They are cold blooded and must get heat from their environment. They could never get warm enough on the tundra! All of the animals that live on the tundra are warm-blooded. They are birds and mammals. Many animals have white fur in the winter. They have brown fur in the summer. The color change helps them to blend in with snow in the winter. They blend in with dirt in the summer. It makes it harder for other animals to see them. This helps them to stay safe.



The Tundra

Arctic Circle

317

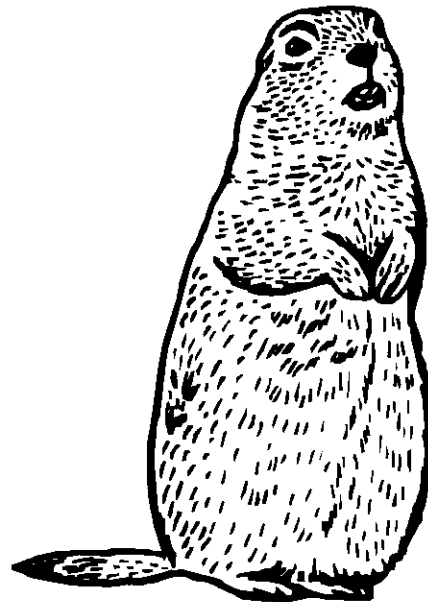
Arctic (AHR tihk) Circle

An imaginary circle at the top of Earth located at 66 degrees 30 minutes north latitude. This includes parts of Alaska, Canada, Russia, and Scandinavia. The Arctic Ocean (see ARCTIC OCEAN) lies within this area, too. The North Pole is in the center of the Arctic Circle. Much of the Arctic Circle is covered with ice year round except for the tundra (see TUNDRA).

Arctic Ground Squirrel

The arctic ground squirrel lives on the tundra (see TUNDRA). It spends most of its life asleep. It hibernates during the winter. It goes into an underground burrow. Its home stays a chilly 20°F. That's warm on the tundra. Outside the temperature drops to -50°F. While the squirrel rests, its body temperature drops. Its breathing and heart beat slow down. The squirrel lives on stored body fat.

When it gets warmer, the squirrel wakes up. Then it must move fast. It has just three months in which to mate, raise its young, and eat enough roots and seeds to build a new fat layer. To get so much done in so little time, each squirrel works about 17 hours a day! Then it heads to its burrow. It takes another nine-month nap.



The Tundra

1. What does *not* grow on the tundra?
 - a. moss
 - b. grass
 - c. trees
2. Permafrost is soil that
 - a. is frozen all the time.
 - b. freezes just in winter.
 - c. thaws for a few days during the summer.
3. What animal would never be found on the tundra?
 - a. a reindeer
 - b. a frog
 - c. a fox
4. Read the encyclopedia entry on the Arctic Circle. The South Pole is located about in the middle of the Arctic Circle. True or False? Tell why.

5. Read the encyclopedia entry on the Arctic ground squirrel. What does this animal eat? How long does it sleep each year?

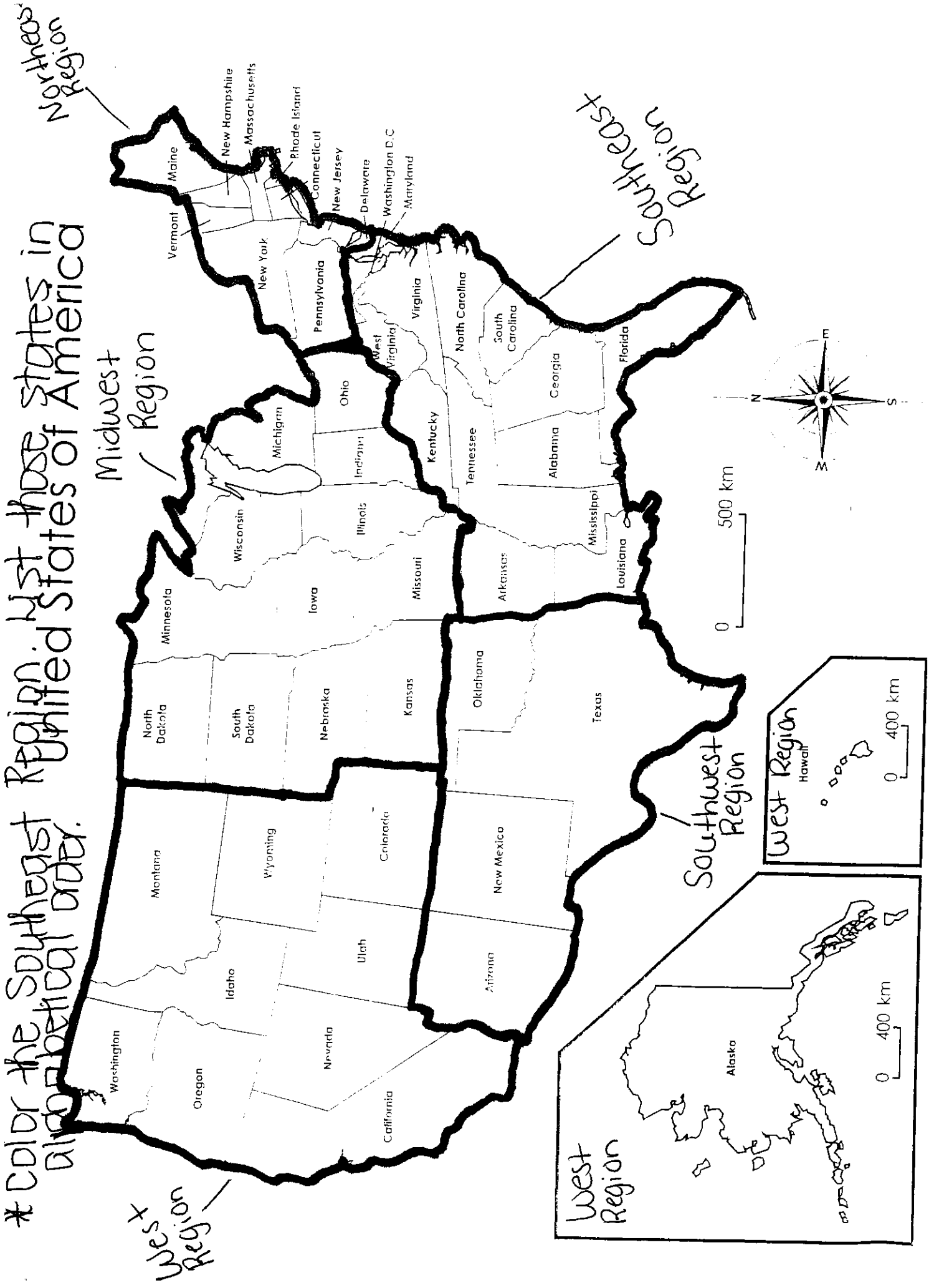
6. Would you like to visit the tundra? Why or why not?

Create a timeline of your day off from school. Draw and fill in boxes with each activity you did and the time you started.

Example: I woke up Time _____
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* COLOR THE SOUTHEAST REGION. LIST THOSE STATES IN ALPHABETICAL ORDER.

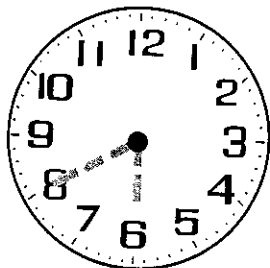


Time: Five-Minute Intervals (IV)

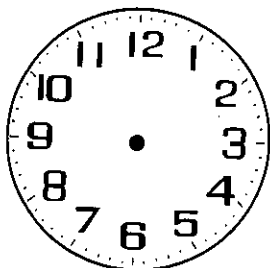
Name _____ Date _____

Draw hands on each clock to show the time.

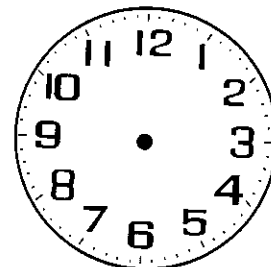
1.



6:40

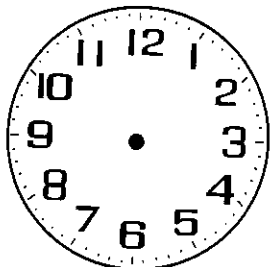


3:10

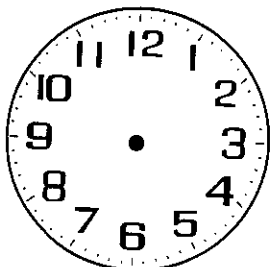


12:50

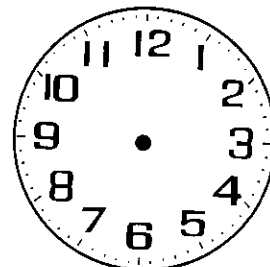
2.



5:05

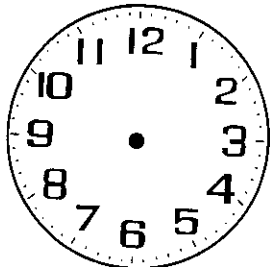


8:25

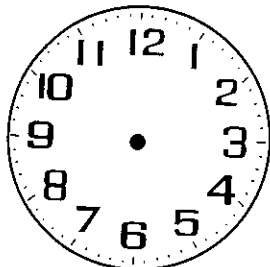


2:15

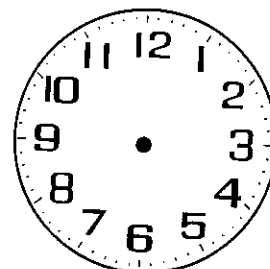
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1:20

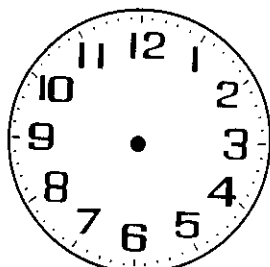


4:55

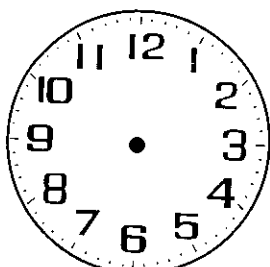


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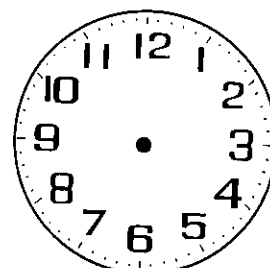
4.



9:30



11:45



10:10

*Measure at least 5 items. Record each item and its measure in both inches and centimeters.

