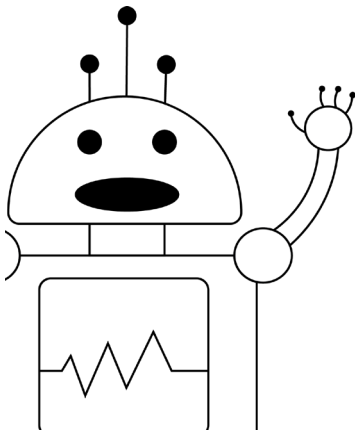


Date: _____

Name: _____

The Science of Weather (Part 1): The Forecast

This activity was created by Katy.



Esiw the Robot wants to learn about the weather! Weather can be defined as the state of the atmosphere. A person who studies the science of weather is called a meteorologist and their job is to make a weather forecast, meaning a prediction of future weather conditions.

When making predictions, meteorologists must consider short-term and long-term weather trends. Clouds, precipitation, and temperatures help with short-term predictions, and long-term weather trends include seasons and climate change. Your job is to make a forecast for the next seven days to show Esiw how weather can be predicted before it happens. Start by filling out the Weekly Weather Forecast below!

Day of the Week	Picture	Information
Example Date: _____ May 1, 2020 _____		Temperature: High +5, Low -5 C Precipitation: Snow in the morning, rain in the afternoon Wind Conditions: 10 km/hr North
Monday Date: _____		Temperature: _____ Precipitation: _____ Wind Conditions: _____
Tuesday Date: _____		Temperature: _____ Precipitation: _____ Wind Conditions: _____
Wednesday Date: _____		Temperature: _____ Precipitation: _____ Wind Conditions: _____
Thursday Date: _____		Temperature: _____ Precipitation: _____ Wind Conditions: _____
Friday Date: _____		Temperature: _____ Precipitation: _____ Wind Conditions: _____
Saturday Date: _____		Temperature: _____ Precipitation: _____ Wind Conditions: _____
Sunday Date: _____		Temperature: _____ Precipitation: _____ Wind Conditions: _____

Date: _____

Name: _____

The Science of Weather (Part 2): The Logbook

Now it's time to record the weather conditions each day for a week to show Esiw how to keep a scientific logbook. After one week of recording the weather below, you can compare the logbook with your predictions from your weather forecast. How accurate were your predictions? Remember, not even meteorologists can make predictions that are guaranteed to be accurate, so don't worry if the weather didn't follow your forecast. Have fun trying the work of a meteorologist by filling out the Weekly Weather Logbook below!

Day of the Week	Picture	Information
Monday Date: _____		Temperature: _____ Precipitation: _____ _____ Wind Conditions: _____ _____
Tuesday Date: _____		Temperature: _____ Precipitation: _____ _____ Wind Conditions: _____ _____
Wednesday Date: _____		Temperature: _____ Precipitation: _____ _____ Wind Conditions: _____ _____
Thursday Date: _____		Temperature: _____ Precipitation: _____ _____ Wind Conditions: _____ _____
Friday Date: _____		Temperature: _____ Precipitation: _____ _____ Wind Conditions: _____ _____
Saturday Date: _____		Temperature: _____ Precipitation: _____ _____ Wind Conditions: _____ _____
Sunday Date: _____		Temperature: _____ Precipitation: _____ _____ Wind Conditions: _____ _____