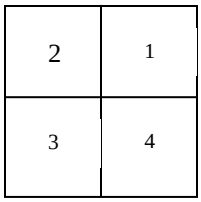
Seasons Flip Book

Create the flip book:

- Holding the paper landscape (side to side is longer than top to bottom), fold the right and left side so they meet in the middle. Crease this!
- Fold the paper hot dog-style *gently* creasing it along the fold.
- Unfold the second fold (keeping the left and right sides folded in) & cut along the gentle crease from the inside to the side fold. ***ASK YOUR TEACHER PRIOR TO CUTTING IF YOU HAVE QUESTIONS!***

Complete the flip book:

1. After completing the flipbook, you should have 4 "doors".



2. Label the doors as follows:

    - Door 1: Winter
    - Door 2: Spring
    - Door 3: Summer
    - Door 4: Fall

3. On each door, you need to draw a picture that represents each season in the Northern Hemisphere. This does NOT need to be scientific! What do you enjoy doing in each season? What does each season make you think of? ☺

4. On the back of each picture, you need to record four facts about the season. You may bullet the facts, but make sure you give complete and accurate information for each, especially facts 2-4!

    - Fact 1: Start date for the season in the Northern Hemisphere
    - Fact 2: Is this date a Solstice or Equinox? Explain!!! In the Northern Hemisphere, what is going on with the sun's light and dark hours? Why?
    - Fact 3: Describe the Earth's tilt in the Northern Hemisphere during this season (towards the sun, away from the sun? Neither towards nor away from the sun?)
    - Fact 4: Describe the type of sun rays (direct, indirect/slanted) that hit the Northern Hemisphere during this season. Explain why this happens and how it affects us (what is going on between the sun's rays and earth's surface?)

5. Finally, on the inside of the doors (on the entire middle of the booklet), draw a diagram of the Earth and Sun during the year/each season. Be sure to include:

    - Earth (include the Earth in all four locations for the four seasons)
    - Sun (one in the center of the Earth's revolution)
    - Earth's axis (include for all four pictures showing the tilt relative to the sun)
    - Equator (show that it is perpendicular to the axis tilt throughout the year!)
    - Earth's orbit (is it circular? Oval? Etc.)
    - Arrows showing the direction of the Earth's revolution