LIFE CYCLE OF STARS

How to make a foldable
Step 1: Gather Materials

- You will need:
  - 1 piece of construction paper
  - 3 pieces of white paper.
Step 2: Layering Papers

• Stack the white papers on top of each other, but stagger them.

There should be about $\frac{1}{2}$ inch of each paper showing.
Step 3: Folding Papers

- Fold all 3 papers so that when the top comes down it makes 3 more layers.

Fold is at the top

Top layer should be about 4-5 inches wide.
Step 4: Add the Cover and Staple

- Place your construction paper behind the white paper so that the top will fold down and leaving about $\frac{1}{2}$ inch of white paper showing.

Place 2 staples at the top of your foldable to hold it all together.
Step 5: Cutting the Foldable

- This step is very important – please make sure you know what you are doing BEFORE you do it. If you mess up you have to start ALL OVER!!

Use a ruler to find the middle of the white paper.

Draw a line on the bottom 3 white layers.

Cut on the line – top 3 layers stay in 1 piece!!
Step 5: Continued – Still Cutting

• We need to make one more cut to our foldable to finish the set up.

Use a ruler to find the middle of the bottom right layer.

Draw a line on the bottom white layer.

Cut on the line – only 1 layer is cut!!
Step 6: Labeling the Foldable

Life Cycle of Stars

- Nebula
- Protostar
- Main Sequence Star
  - Giant Star
  - Super Giant
- White Dwarf
- Supernova
- Black Dwarf
- Neutron
- Black Hole
Step 8: Adding Information

• On the back of each flap you will write the important details about each stage in the Life Cycle from your reading packet.

• Example: For Nebula → I will lift the flap up that says nebula and write:
  • *The big cloud of dust and gas in space* is called a nebula.
  • This is the *birthplace of stars* because the gas and dust is what makes up a star.
  • Our sun was born in a nebula nearly 5 billion years ago.