

Lesson 2: Star Formation

Create a timeline showing the "Life Cycle of a Star": beginning (cloud of gas), middle (fusion happening inside), and end (explosion or gentle fading). Write one sentence for each stage explaining what's happening inside the star.

Beginning: Nebula

Blank box for writing about the beginning stage (Nebula).

Blank box with horizontal lines for writing about the beginning stage (Nebula).

Blank box with horizontal lines for writing about the middle stage (Nuclear Fusion).

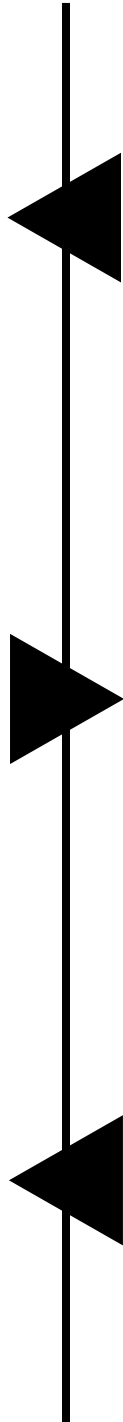
Middle: Nuclear Fusion

Blank box for writing about the middle stage (Nuclear Fusion).

End: Supernova

Blank box for writing about the end stage (Supernova).

Blank box with horizontal lines for writing about the end stage (Supernova).





FORMATION OF STARS

FLIP BOOK

GLUE OR STAPLE HERE

1

First

GLUE OR STAPLE HERE

2

Next

GLUE OR STAPLE HERE

3

Then

GLUE OR STAPLE HERE

4

Last

1 Complete with the steps of formation of stars (draw/write).

2 Cut the boxes and glue them in order.



FORMATION OF STARS

FLIP BOOK

GLUE OR STAPLE HERE

Stars begin in giant clouds of gas and dust, called nebulas.

1

First

GLUE OR STAPLE HERE

Gravity pulls the gas together. The cloud grows denser and starts to glow. This is a protostar.

2

Next

GLUE OR STAPLE HERE

When the center gets hot enough, hydrogen atoms fuse into helium. A star is born! It shines for millions or billions of years.

3

Then

GLUE OR STAPLE HERE

Big stars end in a powerful explosion called a supernova. This blast spreads heavy elements into space. These become part of new stars, planets, and even living things.

4

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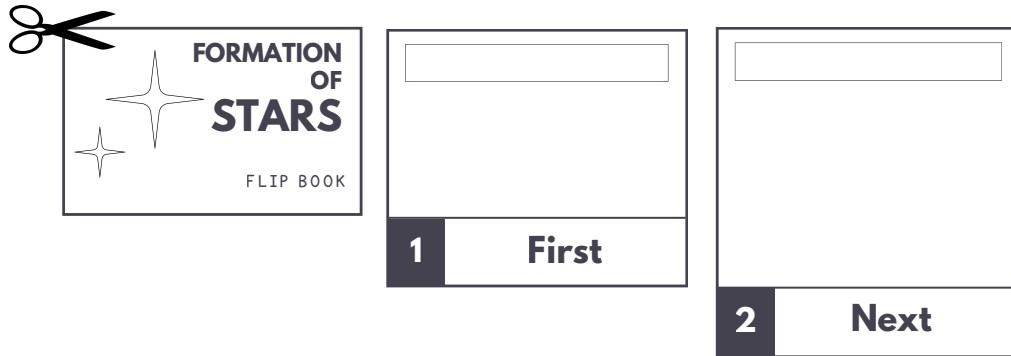
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FORMATION OF STARS

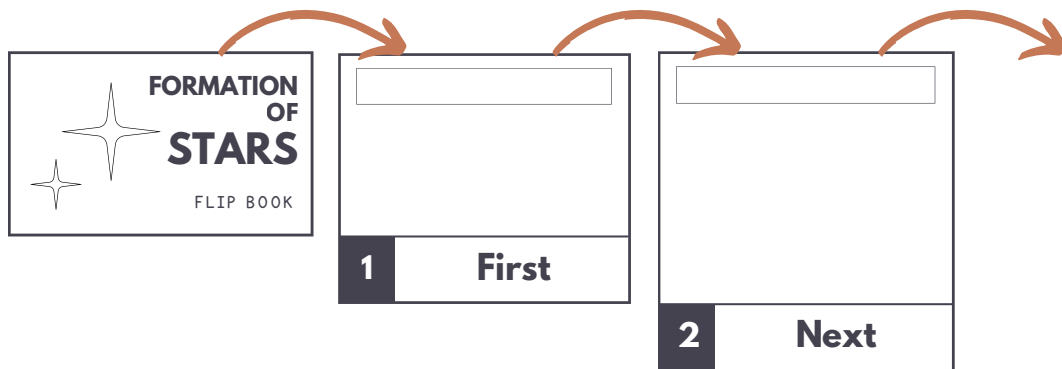
FLIP BOOK

1 Ask learners to complete the steps to Formation of Stars (write and/or draw)

2 When they finish ask them to cut the 5 boxes (pages) of the Flip Book.



3 Tell students to glue or staple the pages together, one onto the other, following the numbers.



4 The Flip Book will look like this:

