MAE JEMISON CRAFT

Astronaut Biography and Writing



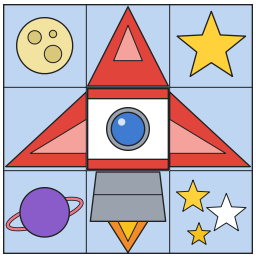
CUT, GLUE, WRITE

Bright Path Sped

Mae Jemison Cut and Glue Craft: Start Here

Children read two short pages about astronaut Mae Jemison, learn six space words, cut and paste an astronaut portrait (and a bonus paper rocket), glue six picture cards in order and write "If I traveled to space." For Black History Month, Women's History Month or any space week.





What's inside

- **Who was Mae Jemison?** (page 3) and **More about Mae Jemison** (page 4): short bios in our own words, then questions, a true or false and a writing line
- **Six space words** to trace and match (page 6): astronaut, shuttle, engineer, doctor, orbit, space
- **The astronaut portrait craft**: 9 square pieces, each 2.5 inches, printed in color (page 8) and as outlines to color (page 9). Page 10 has the 9 numbered paste boxes, each the same size as its piece, that make a square 7.5 inches across. The finished picture is on page 5; the steps are on page 7
- **Bonus paper rocket**: 9 pieces in color (page 11), as outlines (page 12) and its paste boxes (page 13), plus **draw your own rocket** (page 14)
- **Cut and glue her life in order**: 6 picture cards to cut (page 15) and 6 numbered boxes to glue them in (page 16)
- **Fill in the sentences** (page 17) and **two writing pages**, "If I traveled to space" (pages 18 and 19)
- A class data page (page 20), the teacher key (page 21), a family letter (page 22) and credits with what's next (page 23)

Supplies

- scissors
- glue sticks
- crayons, markers or colored pencils
- pencils
- printed pages
- card stock for a sturdier rocket (optional)

Five days, one activity a day

- **Day 1: Meet the astronaut.** Read pages 3 and 4 together, then try the words on page 6. Look at the finished portrait on page 5.
- **Day 2: Plan.** Do the steps (page 7). Color the outline pieces on page 9 if you like.
- **Day 3: Cut.** Cut the 9 pieces on page 8, or the colored outline pieces. Every cut is a straight line along a dashed edge.
- **Day 4: Paste.** Lay pieces 1 to 9 on the boxes on page 10, then paste. Then cut the life cards (page 15) and glue them in order (page 16).
- **Day 5: Write.** Fill in the sentences (page 17) or write "If I traveled to space" (pages 18 and 19). Early finishers make the bonus rocket (pages 11 to 13). Hang the portraits together on a wall.

Making it easier or harder

- Easier: pre-cut the pieces, paste pieces 1 to 3 first and the rest the next day, read the life cards aloud, or let a partner hold the glue stick.
- The small shape beside the name line marks the level. Circle: read and answer, trace and match, paste, or draw. Square: glue the life cards in order, or fill in the sentences. Triangle: write freely.

Prep and notes

Answer key: page 21. The portrait is a generic picture of a woman astronaut, not a likeness of any real person. The bio pages are a few short facts in our own words from public biographies: check anything you add against a library book with the class. This is an independent resource. It is not affiliated with or endorsed by any person, family, estate or organization.

PREVIEW

My name _____ level ●

Read about Mae Jemison. Answer.

Who was Mae Jemison?



Mae Jemison was born in 1956 in Decatur, Alabama.

She grew up in Chicago, Illinois.

She became a doctor and an engineer.

In 1992, she flew into space on the Space Shuttle Endeavour.

She was the first African American woman in space.

1. Where was Mae Jemison born?

Alabama | Texas | Maine

2. What was she before she was an astronaut?

a doctor | a baker | a clown

3. Which shuttle did she fly on?

Endeavour | a school bus | a boat

4. She was the first African American woman in _____ .

space | class | bed

Draw what you learned.

PREVIEW

Preview - Bright Path Sped

My name _____

Look at the astronaut. You can make her!



I see a helmet, a suit and gloves.

Now you write.

_____

_____

1. Color 2. Cut 3. Paste 4. Write

PREVIEW

Mae Jemison Craft · the finished astronaut portrait

My name _____ level ●

How to make the astronaut.

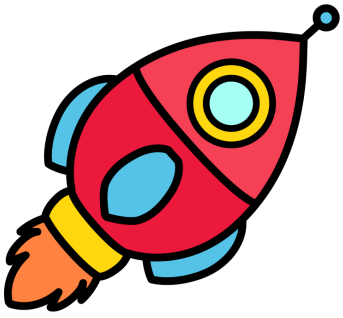
1  Read about Mae Jemison.

2  Color the outline pieces, or use the color pieces.

3  Snip the 9 pieces apart.

4  Paste pieces 1 to 9 in order. Make the astronaut.

5  Write: If I traveled to space.



Bonus: make a paper rocket!
Parts of a rocket:
nose cone, window,
fins, engine, flame.

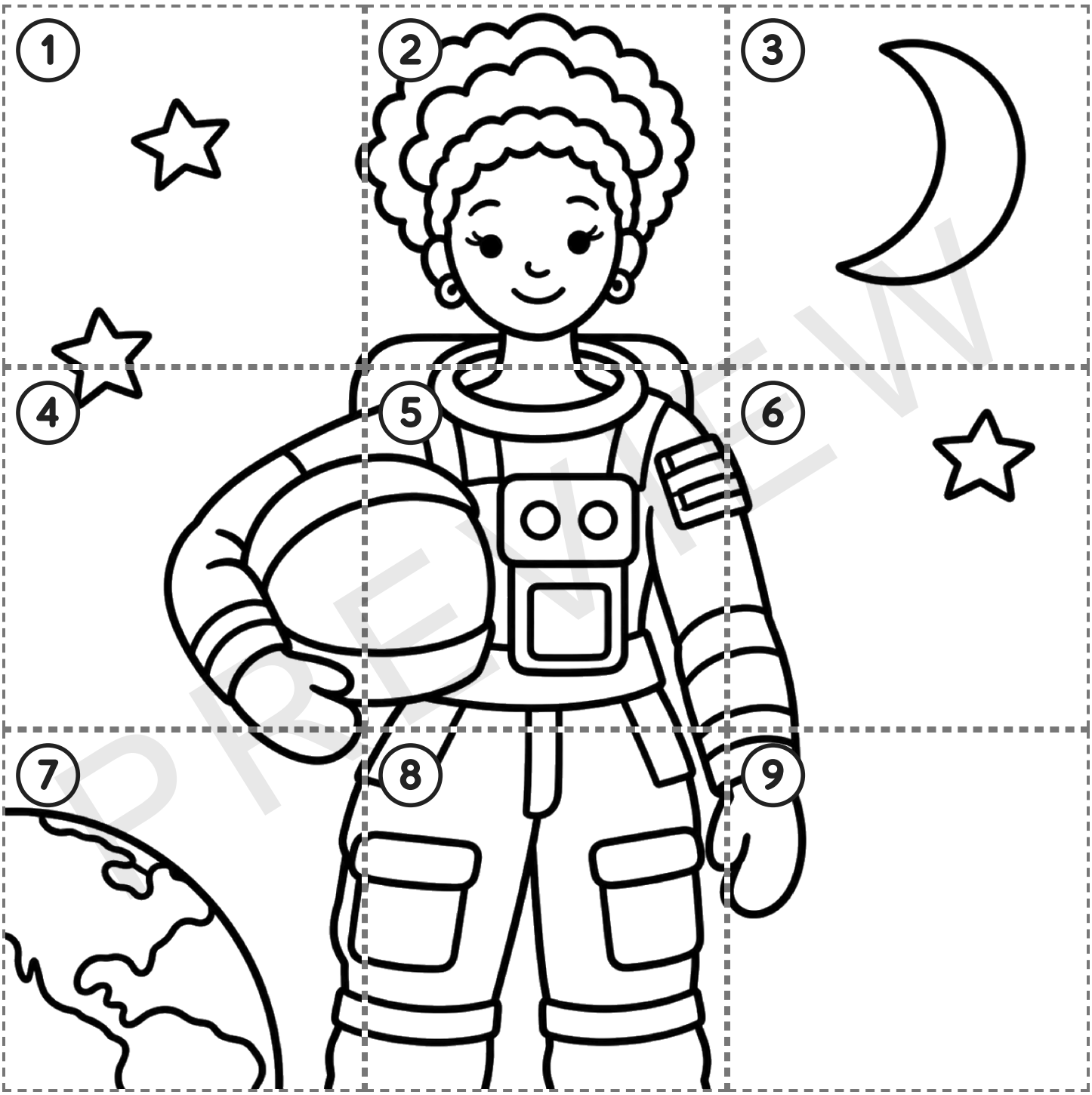
PREVIEW

Preview - Bright Path Shed

My name _____

Color the pieces. Cut them out.

Color the astronaut, the suit and the stars. Then cut.



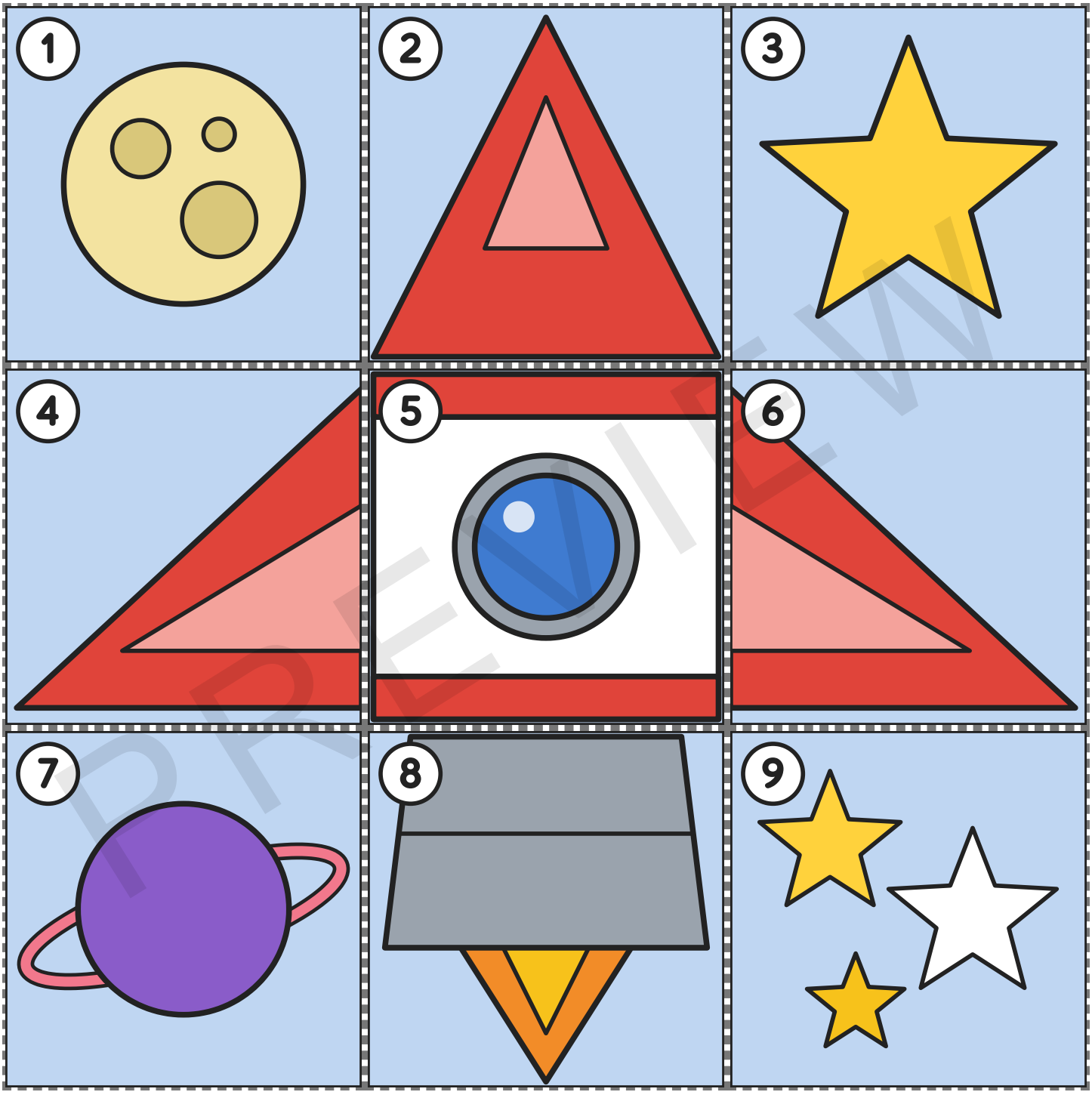
PREVIEW

Mae Jemison Craft - color and cut the portrait pieces - 9 pieces

My name _____

✂ Cut out the 9 rocket pieces.

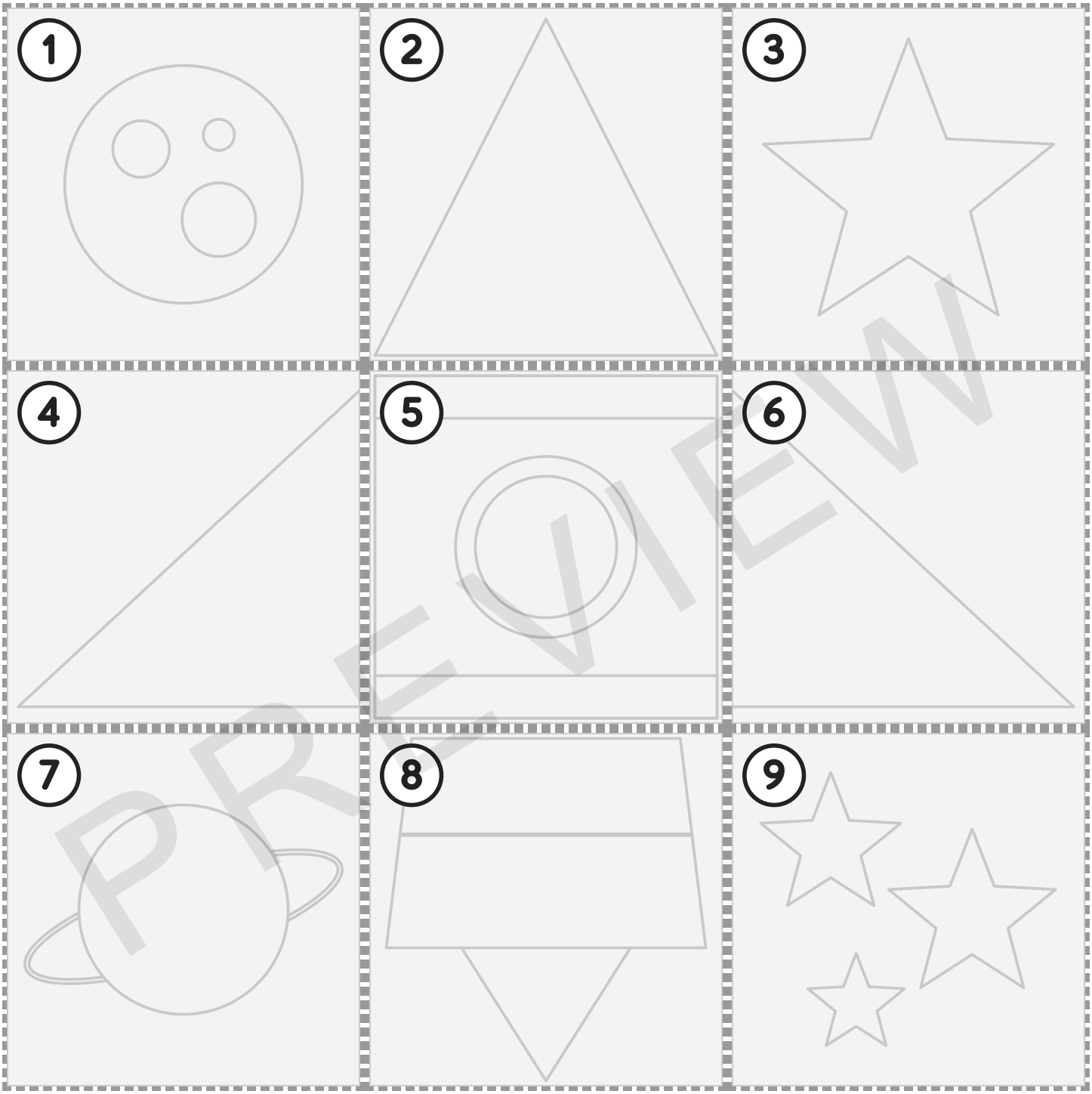
Cut along the dashed lines. Keep the numbers. Then paste.



PREVIEW

My name _____ level

Paste pieces 1 to 9. Make the rocket.



PREVIEW

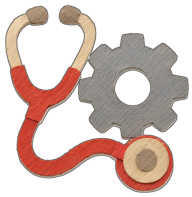
My rocket flies to _____

My name _____

✂ Cut out the 6 cards.

Read each card. Cut along the dashed lines. Then glue them in order.

A



She became a doctor and an engineer.

B



In 1992, she flew on the Space Shuttle Endeavour. She was the first African American woman in space.

C



Mae Jemison was born in Decatur, Alabama, in 1956.

D



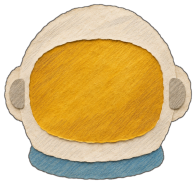
She trained to fly in space.

E



She grew up in Chicago, Illinois.

F



In 1987, NASA picked her to be an astronaut.

PREVIEW

My name _____ level ■

Finish the sentences. Use the word bank.

engineer	Endeavour	astronaut	1956	space	orbit

Mae Jemison was a doctor and an

_____

She flew on the Space Shuttle

_____

A person who travels in space is an

_____

Mae Jemison was born in the year

_____

Draw a shuttle in space.

PREVIEW

My name _____ level ▲

Draw your space trip. Write about it.

My space trip

In space I would see

_____

_____

_____

_____

PREVIEW

Teacher Key

Who was Mae Jemison? (page 3)

1. Alabama 2. a doctor 3. Endeavour 4. space (the sentence reads "She was the first African American woman in space."). The drawing is the child's own.

More about Mae Jemison (page 4)

1. Chicago 2. 1987 3. doctor and engineer 4. true 5. false. The last line is the child's own.

Space words (page 6)

Word	Meaning
astronaut	a person who travels in space
shuttle	a spacecraft that carries people to space and back
engineer	a person who plans and builds things
doctor	a person who helps sick people get well
orbit	to travel around a planet
space	the dark place above Earth with stars and planets

The pieces on both crafts are numbered 1 to 9, left to right, top row first. Children who color the outline pieces may choose any colors.

Astronaut portrait (pages 8-10)

Piece	What it shows
1	stars and sky
2	face and hair
3	moon and sky
4	arm and helmet
5	suit and collar
6	arm and star
7	Earth
8	suit legs
9	glove and sky

Bonus rocket (pages 11-13)

Piece	What it is
1	moon
2	nose cone
3	star
4	left fin
5	window
6	right fin
7	planet
8	engine and flame
9	stars

Life cards (pages 15, 16)

Glue boxes 1 to 6: 1 = card C; 2 = card E; 3 = card A; 4 = card F; 5 = card D; 6 = card B. Each card has a picture and its own sentence from page 3 or 4.

Sentences (page 17)

Mae Jemison was a doctor and an **engineer**; She flew on the Space Shuttle **Endeavour**; A person who travels in space is an **astronaut**; Mae Jemison was born in the year **1956**.

Pages 5, 14, 18 and 19 are the child's own colors, words and pictures: there is no single right answer.

PREVIEW