READY-TO-PRINT STUDENT HANDOUT

Space

Wonder. Solve. Create.

Students distinguish stars, planets, moons, comets, and meteors.

1-5 | Science | 35-55 minutes | No student accounts

INSIDE THIS HANDOUT

Vocabulary reference + two learning levels + 4 printable activities + certificate

One file. One click. One complete packet.

Print the whole handout, or choose only the pages you need in your printer settings. Every activity is designed for US Letter paper.

VOCABULARY

Space words to know

Use these words before, during, and after play. Cut apart the boxes for matching cards or keep the page as a reference sheet.

Orbit

the curved path of one object around another

Planet

a large world that travels around a star

Star

a huge glowing ball of hot gas

Moon

a natural object that orbits a planet

Comet

an icy object that can grow a tail near the Sun

Crater

a bowl-shaped hollow made by an impact

Asteroid

a rocky object orbiting the Sun

Gravity

the force that pulls objects together

VOCABULARY

Space words to know

Use these words before, during, and after play. Cut apart the boxes for matching cards or keep the page as a reference sheet.

Galaxy

a vast group of stars, gas, and dust

Solar System

the Sun and everything orbiting it

Rotation

one complete spin on an axis

Revolution

one complete trip around another object

Atmosphere

the layer of gases around a world

Meteor

a streak of light from space rock in air

Telescope

a tool that makes distant objects easier to observe

Satellite

an object that travels around another object

VOCABULARY PRACTICE

Match the Space words

Write the letter of each meaning beside the correct word. Use the vocabulary bank if you need support.

Words

1. **Orbit** _____
2. **Planet** _____
3. **Star** _____
4. **Moon** _____
5. **Comet** _____
6. **Crater** _____
7. **Asteroid** _____
8. **Gravity** _____

Meanings

A. a natural object that orbits a planet

B. an icy object that can grow a tail near the Sun

C. a bowl-shaped hollow made by an impact

D. a rocky object orbiting the Sun

E. the force that pulls objects together

F. the curved path of one object around another

G. a large world that travels around a star

H. a huge glowing ball of hot gas

TOPIC TRIVIA

Space knowledge check

Circle the best vocabulary answer. Then use evidence in the final written response.

1. Which word means: the curved path of one object around another?

A. moon B. asteroid C. orbit

2. Which word means: a large world that travels around a star?

A. planet B. gravity C. star

3. Which word means: a huge glowing ball of hot gas?

A. planet B. crater C. star

4. Which word means: a natural object that orbits a planet?

A. moon B. orbit C. asteroid

5. Which word means: an icy object that can grow a tail near the Sun?

A. comet B. moon C. gravity

6. Which word means: a bowl-shaped hollow made by an impact?

A. gravity B. crater C. asteroid

Explain your thinking

Choose one space object and describe it with two accurate details.

WORD SEARCH

Space Word Search

Find all ten words. Words may travel across, down, diagonally, and backwards.

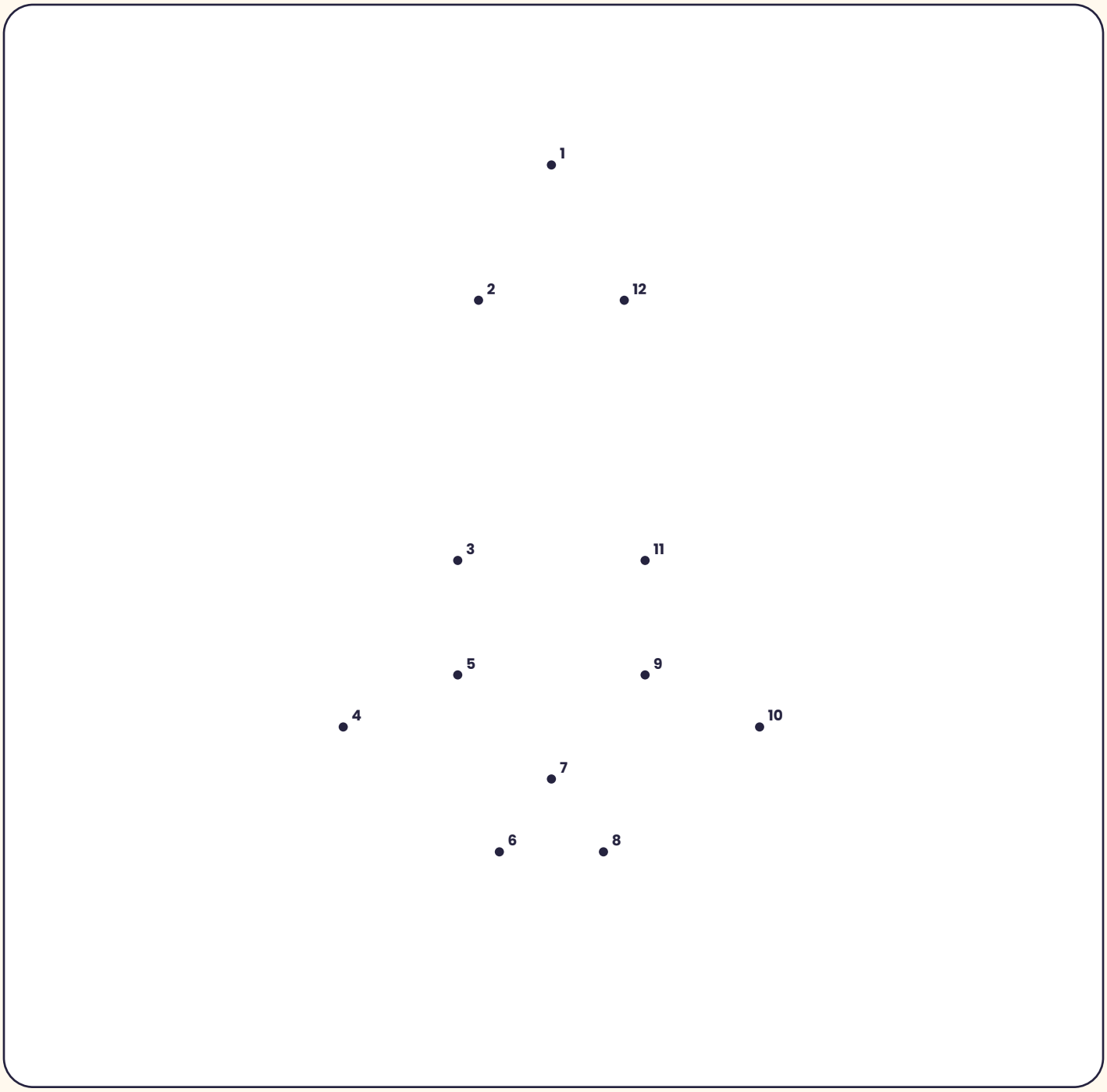
Q	T	S	O	L	A	R	B	O	S	O	O	B	D
A	E	Y	Z	P	R	E	J	P	F	O	S	X	B
K	M	K	K	G	V	T	M	B	J	S	F	A	P
N	P	D	L	L	W	R	G	O	H	I	M	P	H
W	L	H	V	U	E	Q	A	N	O	S	T	T	W
T	U	G	S	N	L	S	L	V	F	N	P	S	Q
F	T	O	N	A	P	L	A	N	E	T	B	Y	R
I	X	C	V	R	J	J	X	M	K	H	V	T	W
X	O	O	R	A	Z	X	Y	E	U	S	P	Z	K
M	N	R	O	T	E	W	E	T	T	S	P	L	U
M	S	B	C	U	B	O	A	E	J	E	R	R	M
F	U	I	K	O	I	Y	C	O	E	R	M	A	V
F	I	T	E	Y	R	A	C	R	U	S	C	O	M
G	K	B	T	Q	S	E	U	O	K	G	C	W	C

METEOR
COMET
PLANET
LUNAR
ROCKET
SOLAR
GALAXY
MOON
ORBIT
MARS

CONNECT THE DOTS

Space Dot to Dot

Connect the numbers in order, then connect the last dot back to 1. Add details and color the picture.

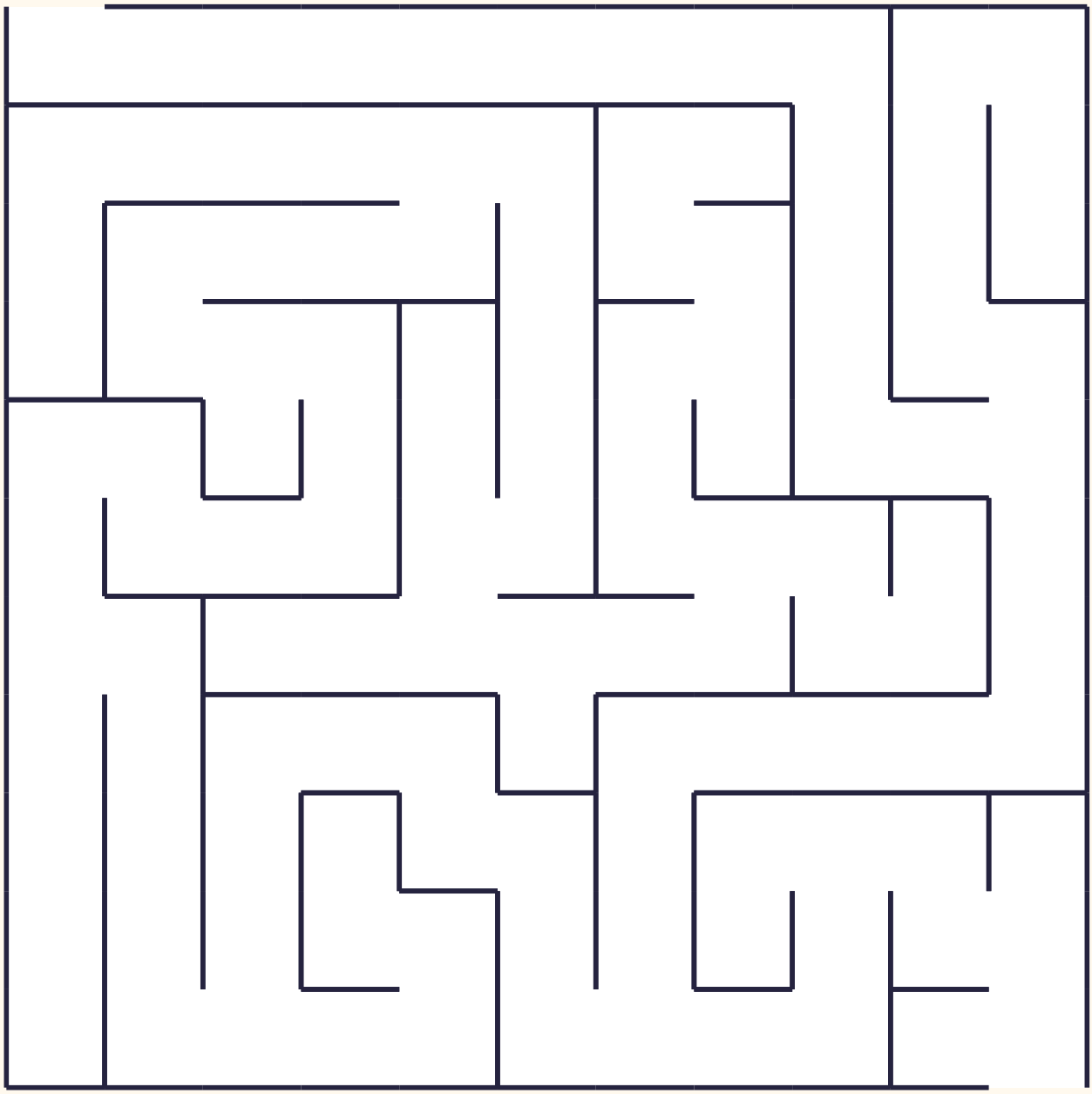


MAZE

Moon Maze

Start in the upper-left corner. Travel through open passages to reach the lower-right corner.

START – ENTER HERE



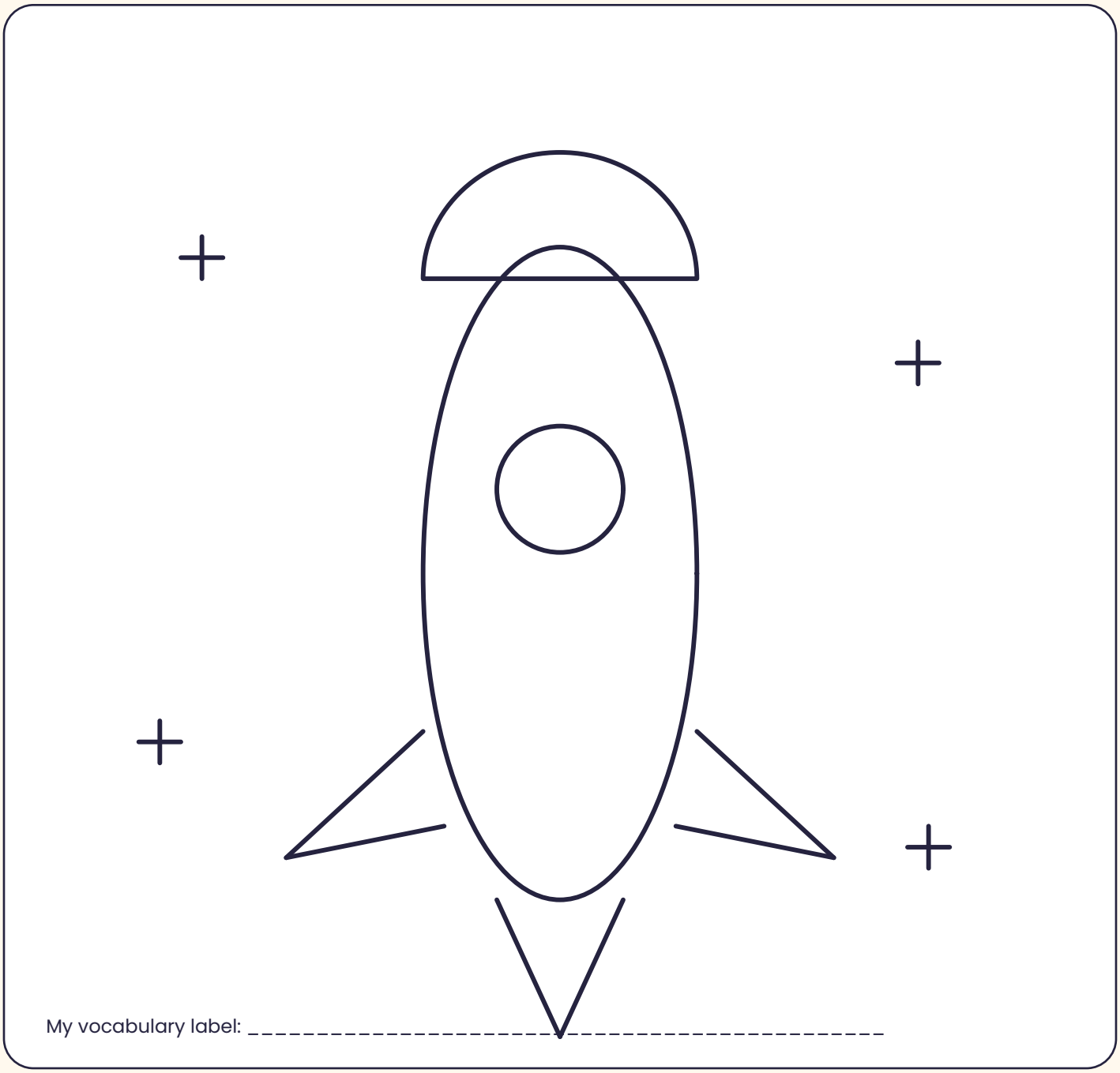
Planning prompt: At each fork, look one turn ahead before choosing a path.

FINISH – EXIT HERE

COLORING STUDIO

Space Coloring

Choose a limited palette, add habitat details, and label one feature using a vocabulary word.



My vocabulary label: _____

WONDERPLAY CLASSROOM ADVENTURE

Certificate of Curiosity

This certificate celebrates

_____

student name

for completing the Space classroom pack

Keep wondering. Keep exploring.

_____ WOW! _____

date teacher or grown-up