

Title of Lesson: The Planets

Grade and Subject: 5th Science

Topic: Planets and our Solar System

Materials Needed: Picture and word cards for planets
Vocabulary bookmarks
The Planets by Gail Gibbons
Planets outline worksheet
Construction paper for planet books
BINGO cards
Cloze activity

Content Objective: All students will be able to name,
describe and order the planets.

Language Objective: All students will be able to write
descriptions of the planets.



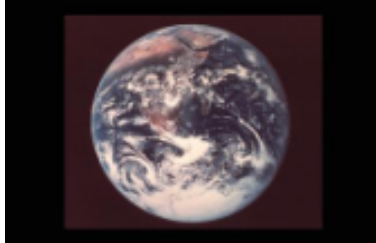
Created by Emily Beutel

Vocabulary Bookmarks

planet	solar system	telescope	orbit	rotate	atmosphere	reflect	astronomer
<ul style="list-style-type: none"> any of the nine bodies revolving about the sun and shining from the sun's light 	<ul style="list-style-type: none"> the sun together with all the planets and other bodies that revolve around it 	<ul style="list-style-type: none"> an instrument for making distant objects appear larger 	<ul style="list-style-type: none"> the curved path, usually elliptical, a planet, makes around the sun 	<ul style="list-style-type: none"> to turn around an axis or center point; revolve 	<ul style="list-style-type: none"> the gaseous envelope surrounding a planet 	<ul style="list-style-type: none"> to cast back light from a surface 	<ul style="list-style-type: none"> a scientific observer of the planets and stars
<i>My notes:</i>	<i>My notes:</i>	<i>My notes:</i>	<i>My notes:</i>	<i>My notes:</i>	<i>My notes:</i>	<i>My notes:</i>	<i>My notes:</i>

Partner Match

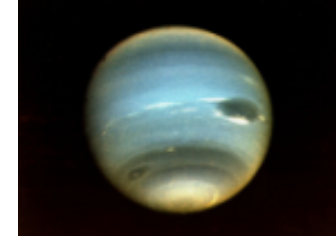
Find your partner so that you form a match with a picture and a name.



Sun

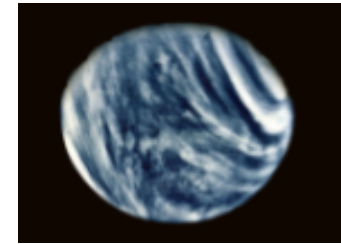
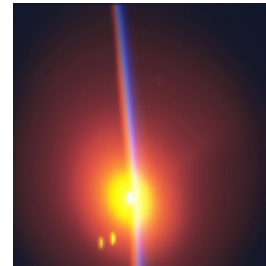
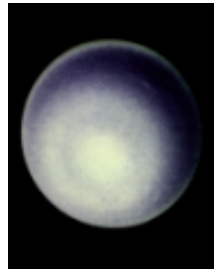


Pluto

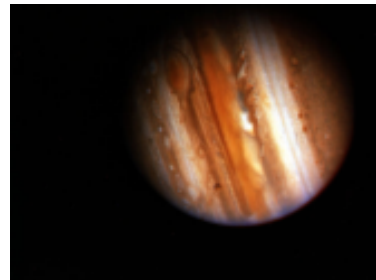


Saturn

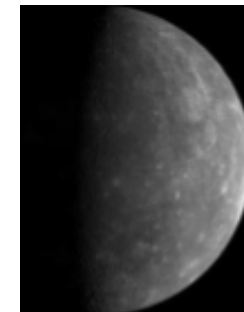
Uranus



Neptune



Venus

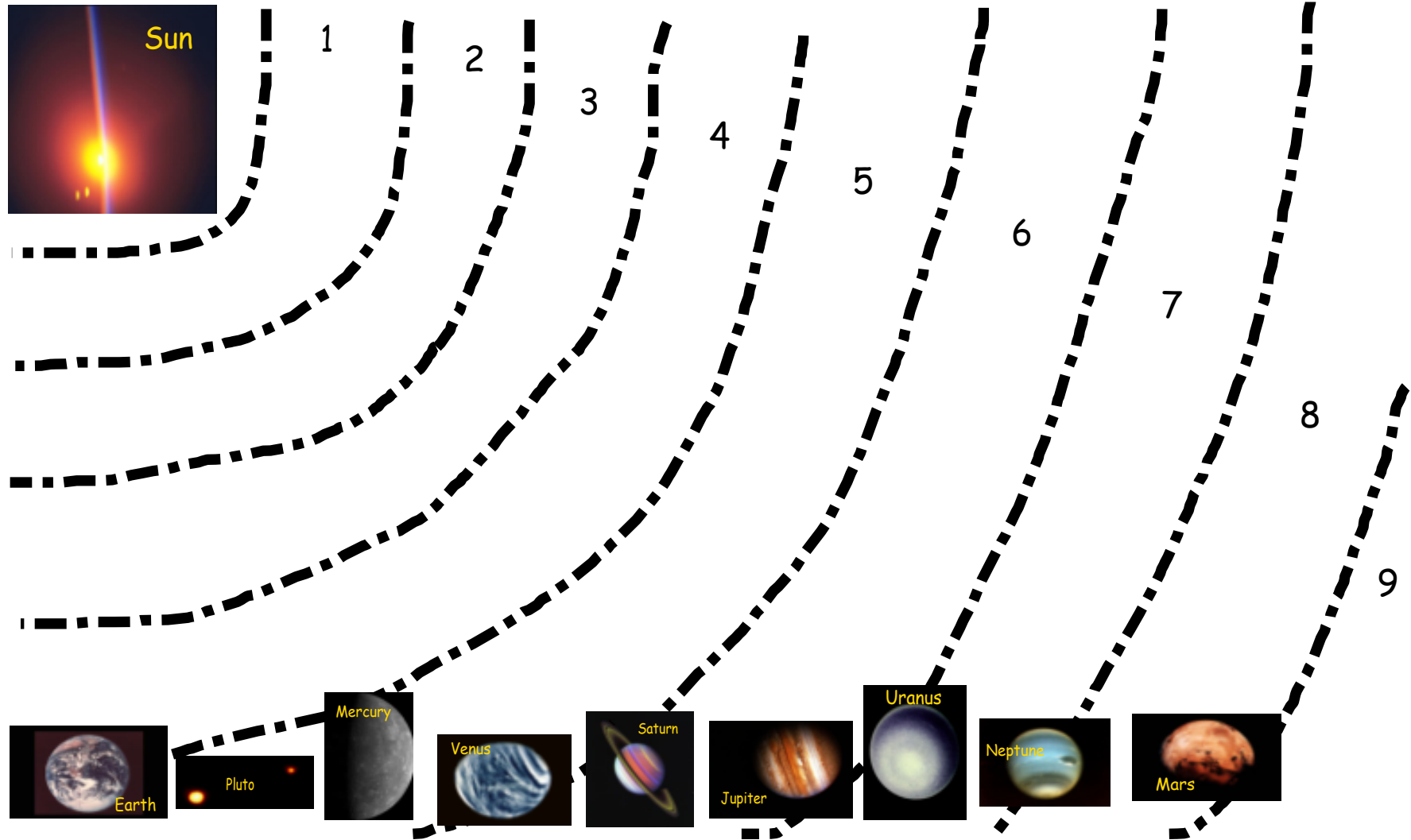
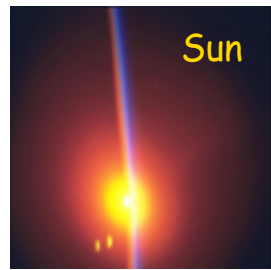


Jupiter

Earth

Mercury

Mars



Planet Outline

Name of Planet:	Location from Sun:
How long is 1 day?	How long is 1 year?
Description:	

Jupiter

Saturn

Venus

Mercury

Neptune

Pluto

Earth

Uranus

Mars

closest to
the sun

looks red

appears to
be blue

doesn't have an
atmosphere

has cloud
cover that
reflects
sunlight

has a Great
Red Spot

this planet has
10 rings

this planet has
the most moons

brightest
in the sky

farthest
from the sun

people once thought
there were martians

this planet
has hundreds
of rings

the third
planet from
the sun

1 year =
164 Earth
years

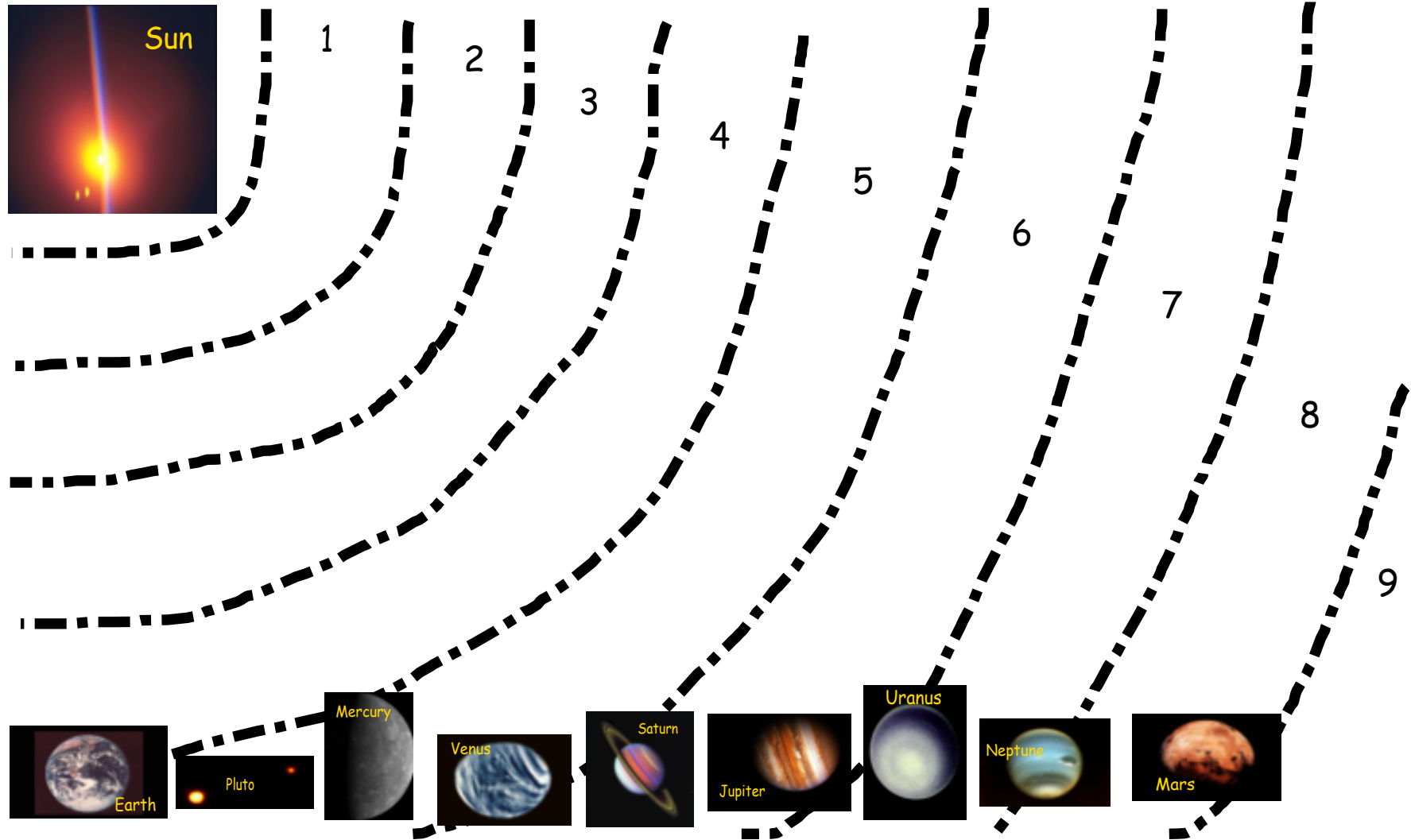
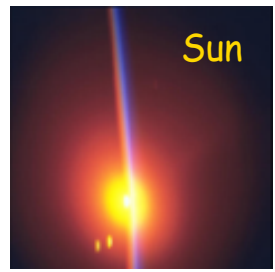
the third
biggest

coldest and
smallest

only planet
with plants

largest planet

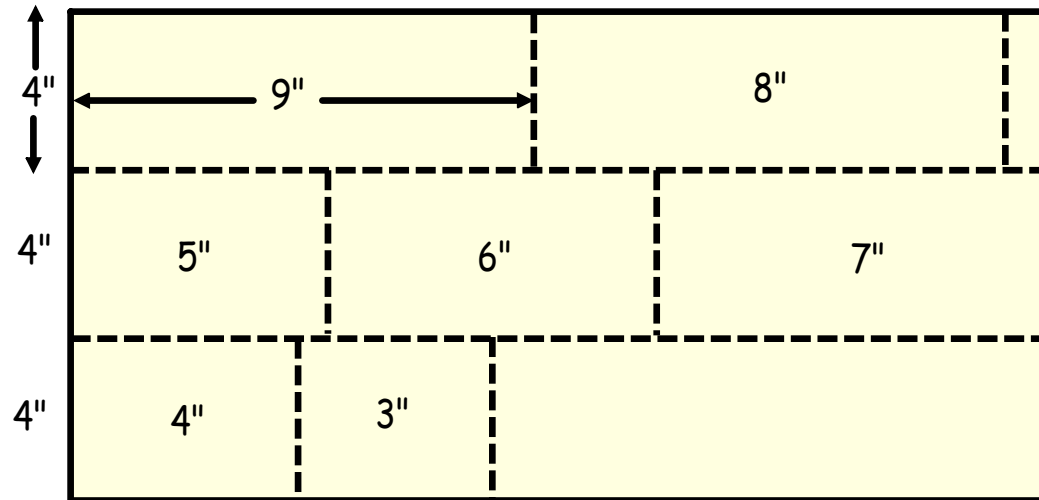
Circle the description with the corresponding planet name color.



Planet Book Directions

You will need 1 piece of 12" x 18" construction paper.

Measure sections and draw lines according to sample, then cut on the lines.



Arrange pages starting with the 3" section on top increasing in order and ending with the 9" section on the bottom.

Staple on the edge and create your book.

BINGO

Put the numbers 1-24 in the squares on your BINGO card.

Cover the number that matches the answer of the clue that is read.

Call BINGO if you get 5 in a row.

1 and 2. Mercury

11 and 12. Saturn

20. solar system

3 and 4. Venus

13 and 14. Uranus

21. telescope

5 and 6. Earth

15 and 16. Neptune

22. atmosphere

7 and 8. Mars

17 and 18. Pluto

23. orbit

9 and 10. Jupiter

19. astronomer

24. rotate