

# THE SOLAR SYSTEM

*an activity pack for curious kids*

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Quiz  
Puzzles  
Worksheets  
Colouring pages

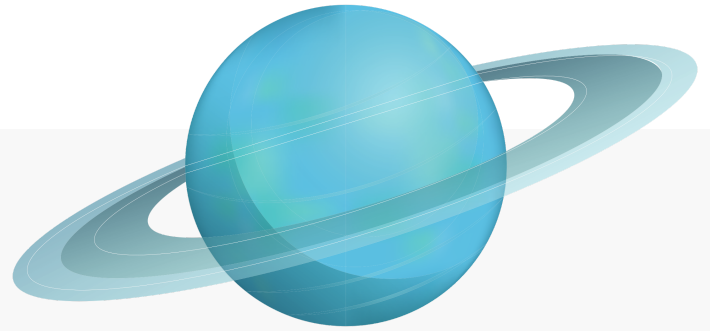
# Welcome to this Solar System-themed activity pack from Pale Blue Marbles!

This supplements my blog post '[How big is the Solar System?](#)'.

If you haven't read the post, I recommend going through it first with your child before completing these activities.

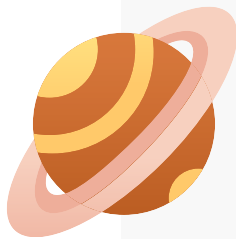
I have included activities at different levels – choose the ones appropriate for your child.

**Cultivate curiosity and enjoy!**



## WHAT'S INSIDE

- Solar System quiz
- Write a planet poem
- Design your own planet
- 2 Solar System word searches
- 5 planet mazes
- 3 colouring pages



If you like the activities, please spread the word: comment on the blog posts or on the [Facebook page](#) and invite your friends to like and subscribe!

You can also follow me on [Twitter](#), [Instagram](#) and [Pinterest](#) for more activity ideas and astrobology.



# The Solar System quiz

Test your knowledge of the Solar System with these quiz questions! You can find all the answers in the 'How big is the Solar System?' post on the Pale Blue Marble blog.

Q1. What is the closest planet to the Sun?

Q2. What is the biggest planet in the Solar System?

Q3. What is the farthest planet from the Sun?

Q4. What planet is about half the size of Earth?

Q5. Name the two ice giants in our solar system.

Q6. What is the 4th planet from the Sun?

Q7. Name the four rocky planets in our solar system

Q8. What is at the very edge of the Solar System?

Q9. What is at the centre of every planetary system?

Q10. Name the two gas giants in our solar system.

Q11. What planet has the largest rings?

Q12. What planet has a giant red spot?

# Write a planet poem

Use the first letter of each planet's name to start each line of your poem.

M.....

V.....

E.....

M.....

J.....

S.....

U.....

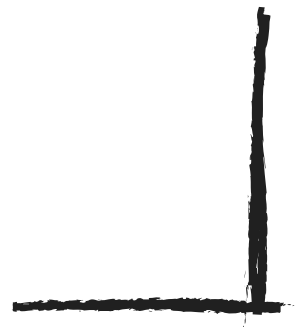
N.....

P.....

# Design your own planet

Draw and colour in your own planet. How big is it? Does it have rings? Volcanoes? Craters? Oceans? How far away from its star is it? Does anything live there? You can also add a moon or two.

Have fun!



# Solar System word search: tricky

These 16 words are all connected with the Solar System. How many can you find? They might be vertical, horizontal, diagonal or backward. Good luck!

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

- ASTEROID
- COMET
- EARTH
- JUPITER
- MARS
- MERCURY
- MOON
- NEPTUNE
- OORT CLOUD
- ORBIT
- PLANET
- SATURN
- SOLAR SYSTEM
- SUN
- URANUS
- VENUS

# Solar System word search: easy

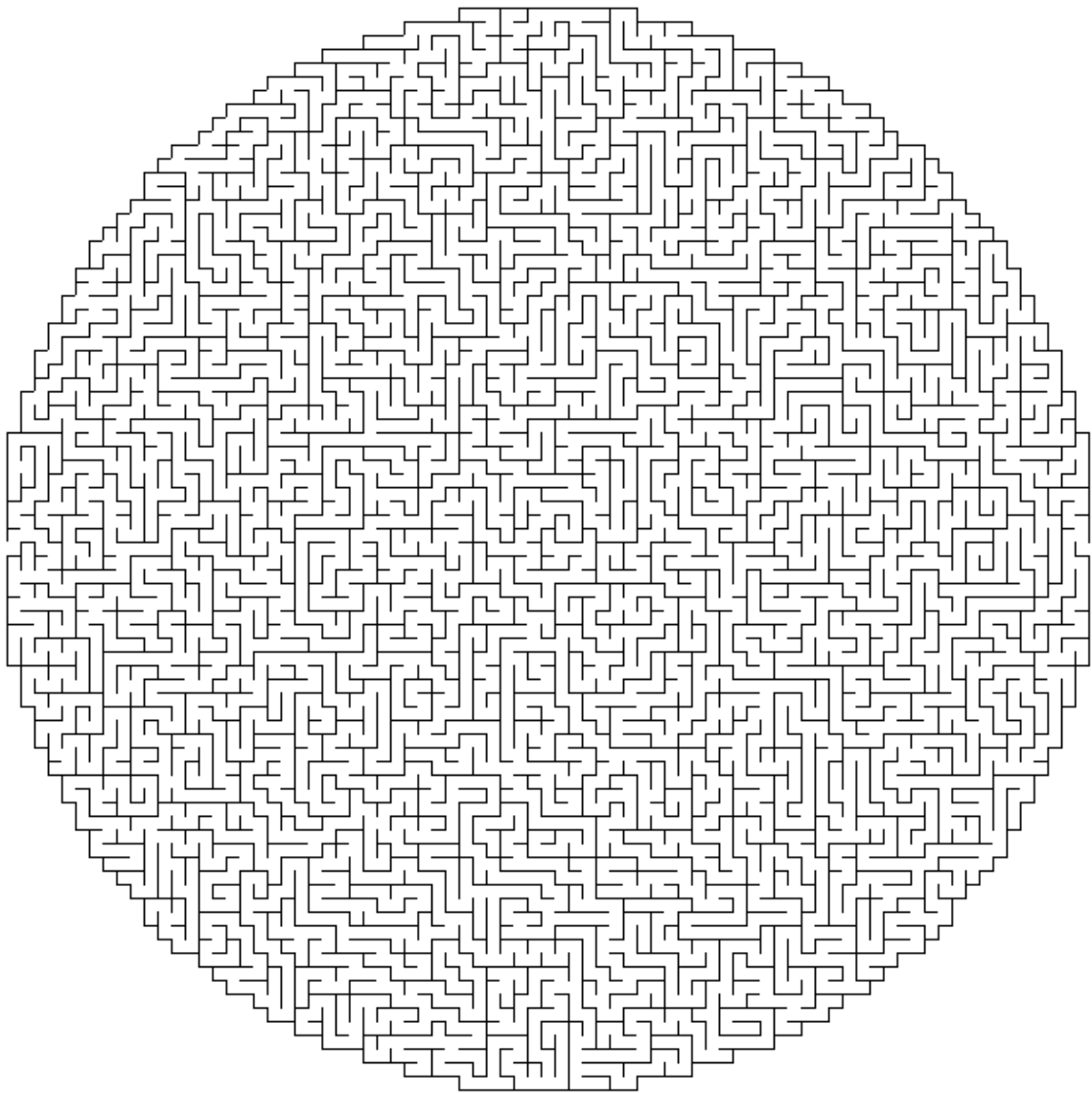
There are 8 planets hidden in this word search. How many can you find? They might be vertical, horizontal, diagonal or backward. Good luck!

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

EARTH  
JUPITER  
MARS  
MERCURY  
NEPTUNE  
SATURN  
URANUS  
VENUS

# Planet maze: tricky

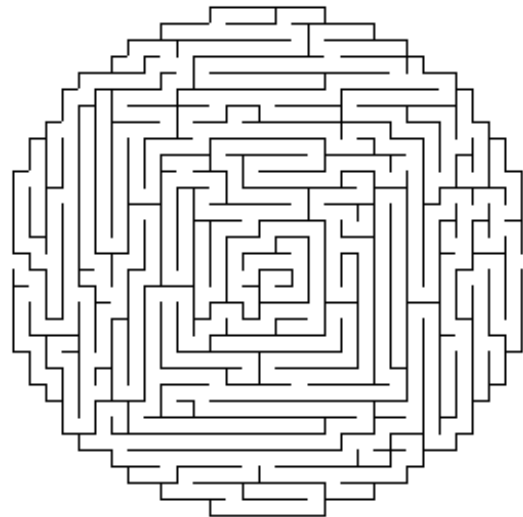
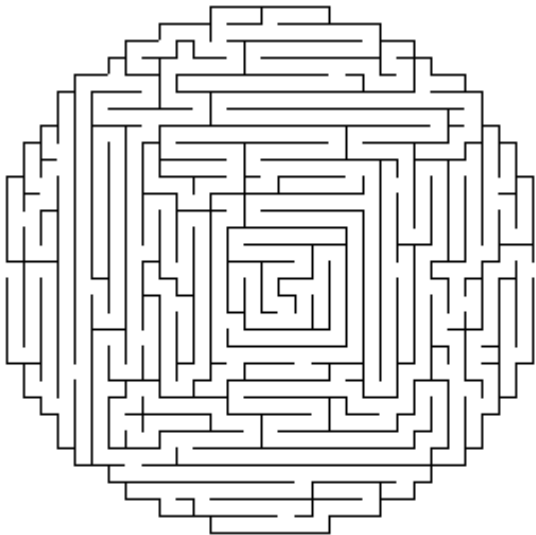
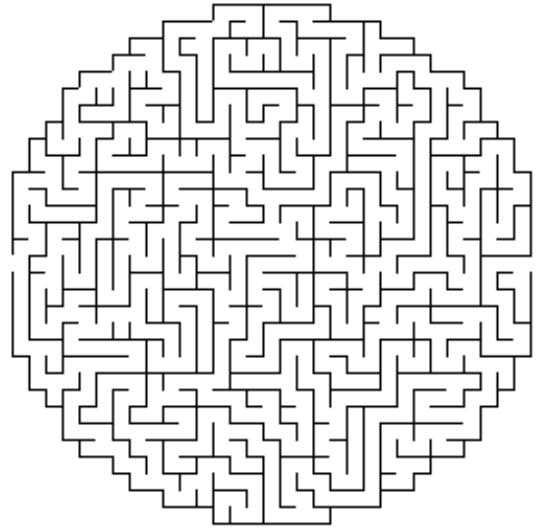
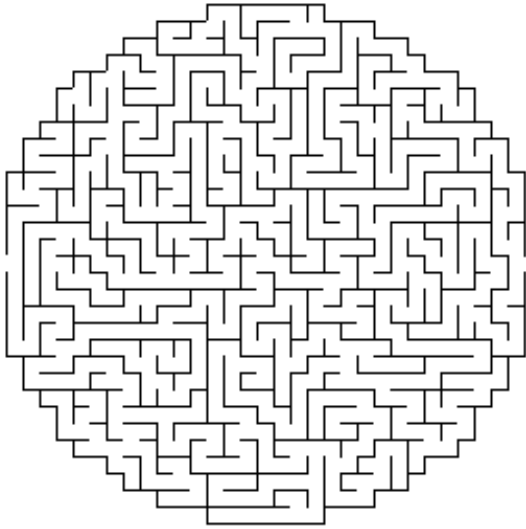
Find your way through this mega maze. Does it remind you of anything?



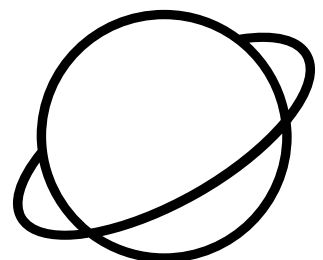
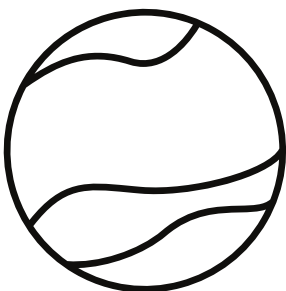
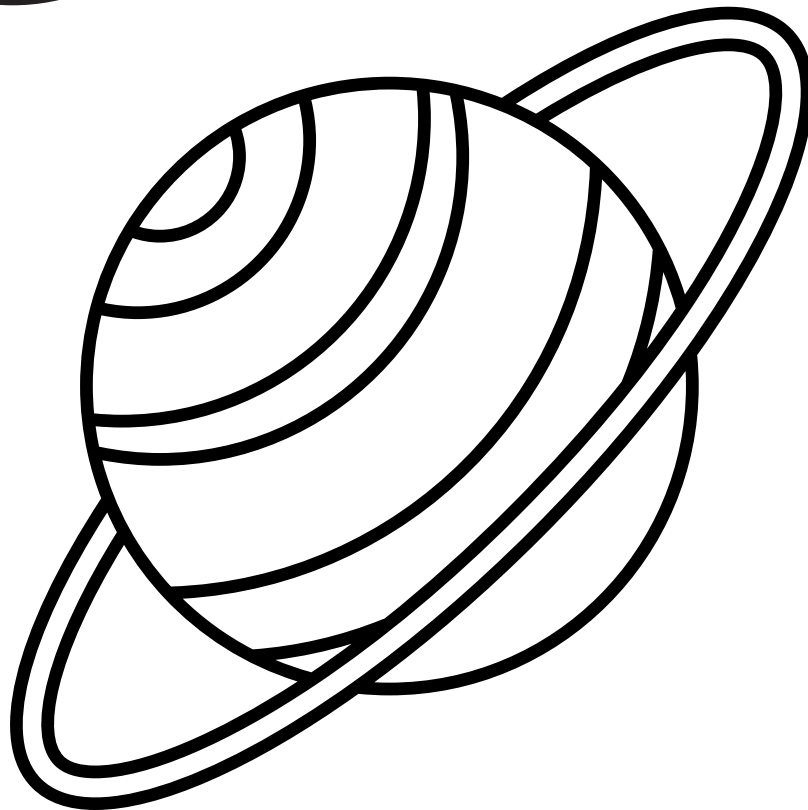
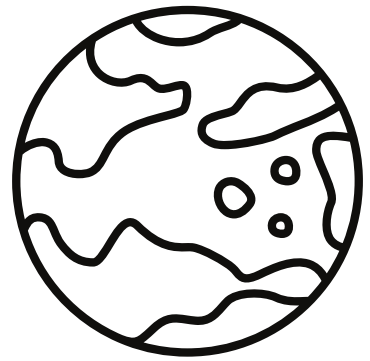
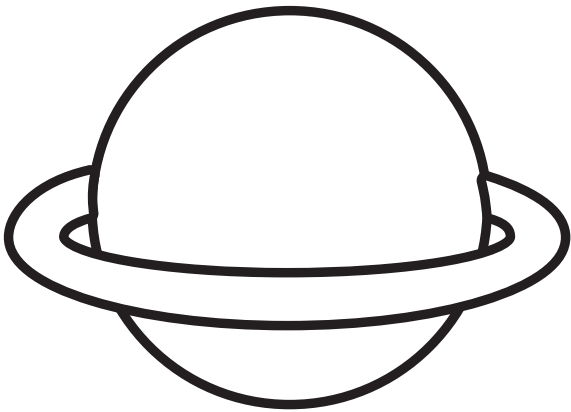


# Planet maze: easy

Find your way through these mini mazes. Do they remind you of anything?



**Colour me in**



**Colour me in**



**Colour me in**

