

MARS

an activity pack for curious kids

Quiz
Puzzles
Worksheets
Colouring pages

Welcome to this Mars-themed activity pack from Pale Blue Marbles!

This supplements my blog post '[10 facts about Mars](#)'.

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!



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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 astrobiology.



Mars quiz

Test your knowledge of the Red Planet with these quiz questions! You can find all the answers in the '10 facts about Mars' post on the Pale Blue Marble blog.

- Q1. How many Mars sized planets would fit into Earth?
- Q2. What is Mars' largest volcano called?
- Q3. If you can jump one metre on Earth how high can you jump on Mars?
- Q4. How many seasons does Mars have?
- Q5. Which is warmer: summer in the Northern hemisphere or summer in the Southern hemisphere on Mars?
- Q6. What is the closest point to the Sun in a planet's orbit called?
- Q7. Why is Mars red?
- Q8. What is the average temperature on Mars?
- Q9. Is Mars cooler or warmer than Earth?
- Q10. How many moons does Mars have?
- Q11. How long is one day on Mars?
- Q12. How many days in one year on Mars?

Draw a volcano

Mars has the largest volcano in the Solar System. Draw and colour in your own volcano.



Mars double puzzle

Unscramble the clue words related to the Red Planet, then write the numbered letters into the right boxes below to reveal a fact about Mars.

SARM

1	12	15	6

PYSLUMO NOSM

11		17		20	19				4

NORI XIODE

							8

ROPAL CEI PAC

							14		2

NEPLOAHI

		7	18		5	16	13		

HLEPRIINEO

10		3		9						21

1	2	3	4

5	6

T		
	7	8

4	T	
		9

						T
	10	11	12	13	14	

F			
	15	16	17

T		
	7	18

	19	20	21

Mars word search: tricky

These 9 words are all connected with Mars. How many can you find? They might be vertical, horizontal, diagonal or backward.

Good luck!

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

APHELION
CARBON DIOXIDE
GRAVITY
ICE
IRON OXIDE
MARS
OLYMPUS MONS
PERIHELION
RED PLANET

Mars word search: easy

There are 6 words related to Mars hidden in this word search.
How many can you find? They might be vertical, horizontal,
diagonal or backward. Good luck!

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

GRAVITY

ICE

MARS

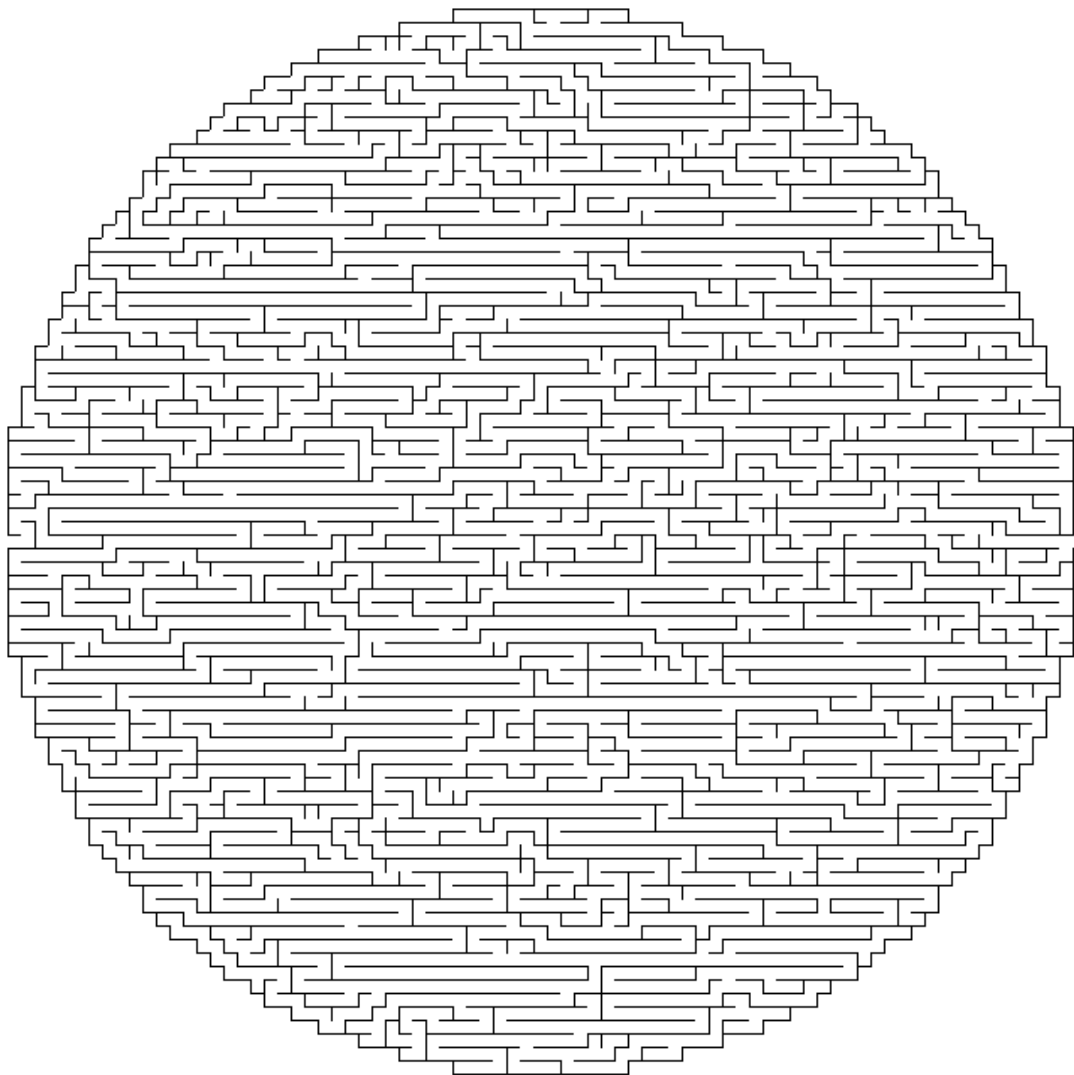
RED

RUST

VOLCANO

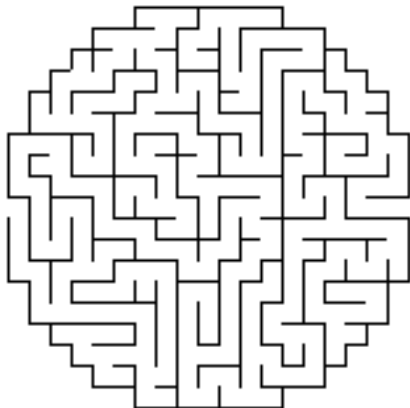
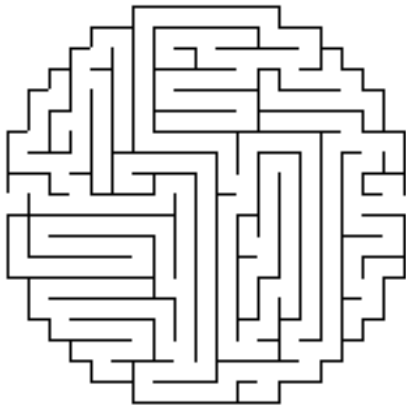
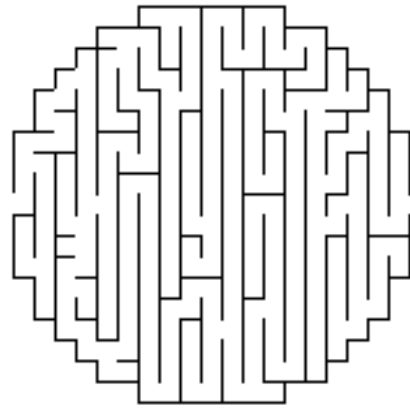
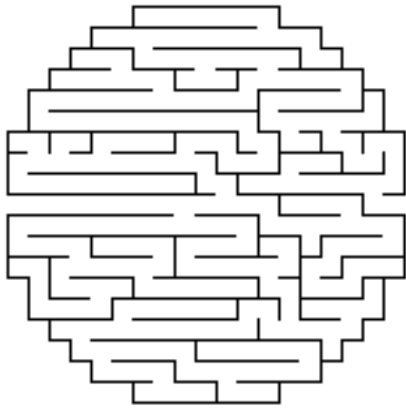
Mars maze: tricky

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

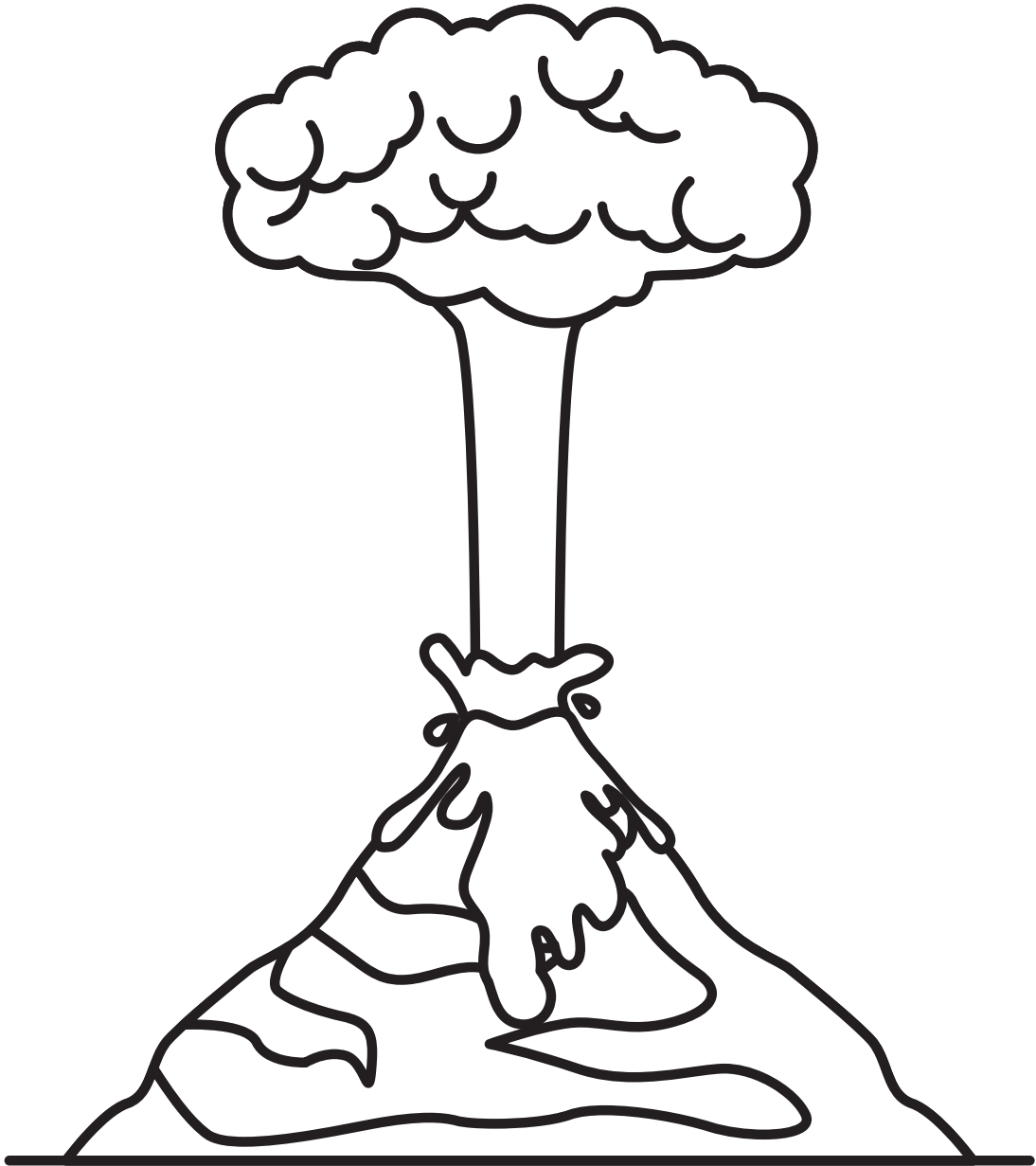


Mars maze: easy

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



Colour me in



Colour me in

