

# BepiColombo

## Fill in the blanks

BepiColombo is a mission to M\_\_\_\_\_ that launched in 2018 and will arrive in 2025, taking \_\_\_\_\_ years to get there. The force of gravity gets W\_\_\_\_\_ as two objects get further apart. The further away a planet orbits from the Sun, the L\_\_\_\_\_ its year will be. The Earth takes \_\_\_\_\_ days to orbit the Sun, whereas Mercury takes 88 Earth days. The side of Mercury that faces the Sun will be roughly \_\_\_\_\_ times hotter than an oven cooking a pizza, and ten times colder than A\_\_\_\_\_. When the Moon covers the Sun on Earth it is a S\_\_\_\_\_ eclipse, whereas when the Earth covers the Moon it is a L\_\_\_\_\_ eclipse. The seasons are due to the T\_\_\_\_\_ of the planet. It is summertime in the northern hemisphere when the Earth is tilted T\_\_\_\_\_ the Sun and winter is when it is tilted A\_\_\_\_\_.

## Word search

BEPICOLOMBO	EARTH	ECLIPSE	GRAVITY	MERCURY										
TEMPERATURE	SEASONS	SUN	ORBIT	SPACE										
A	Y	I	X	O	C	R	N	U	H	T	U	X	N	T
Z	U	O	N	U	S	S	G	M	Y	Q	E	V	H	K
O	B	U	P	F	P	H	E	C	L	I	P	S	E	R
Z	E	R	U	T	A	R	E	P	M	E	T	N	H	R
S	P	N	V	Q	C	C	A	T	I	B	R	O	N	R
A	I	P	N	U	E	P	R	U	G	A	Z	S	D	I
K	C	G	R	A	V	I	T	Y	H	P	R	A	I	R
C	O	Y	I	F	V	S	H	N	Q	W	V	E	V	C
O	L	X	H	X	W	Z	K	V	R	B	S	S	N	B
X	O	M	N	K	B	P	J	D	D	X	B	L	H	N
O	M	M	Z	N	T	N	Z	A	R	T	U	J	R	X
Y	B	K	J	M	V	M	F	W	U	D	X	H	J	J
Q	O	F	S	E	R	S	N	G	M	R	V	U	O	L
N	W	D	P	R	T	O	B	J	U	J	J	T	C	G
H	F	A	R	A	L	H	S	Z	L	Z	Q	L	M	X

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## Word search

- What is the mission to Mercury called?
- Which planet do we live on?
- What's it called when an object blocks the Sun, causing a shadow on the Earth?
- What force keeps us on the Earth?
- What's the closet planet to the Sun?
- What is word for measuring how hot something is?
- The Earth's tilt causes what?
- What do the planets orbit around?
- The circular path around the Sun is called what?

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