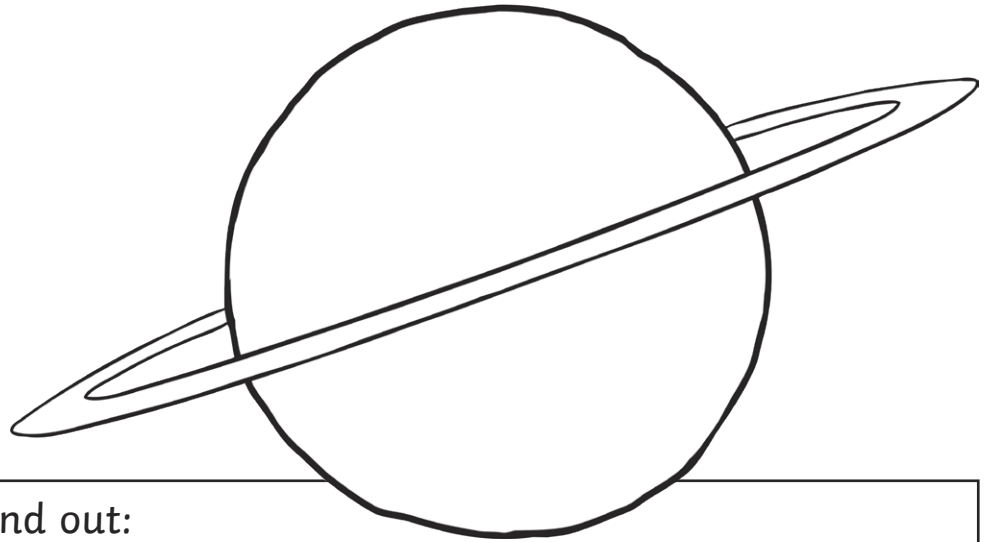# Solar System Code Breaker

Amazing Fact

The sun is so big that it could fit approximately 1.3 million Earths inside it (if they were squashed up).

Challenge

Crack the codes on the following pages using the table below to work out the solar system words.

a	b	c	d	e	f	g	h	i	j	k	l	m
1	2	3	4	5	6	7	8	9	10	11	12	13

n	o	p	q	r	s	t	u	v	w	x	y	z
14	15	16	17	18	19	20	21	22	23	24	25	26

You could also try to find out:

- what the sun would look like from the other planets in our Solar System;

- what the biggest planet is in our Solar System;

- how far away Earth is from the Sun.

Solar System Code Breaker

20 - 1 =

13 + 7 =

16 - 15 =

12 + 6 =

9 + 10 =

Word: _____

12 – 9 =

7 + 8 =

5 + 8 =

12 - 7 =

12 + 8 =

15 + 4 =

Word: _____

10 + 4 =

15 – 10 =

8 + 8 =

20 + 0 =

25 – 4 =

7 + 7 =

13 – 8 =

Word: _____

6 + 7 =

16 – 11 =

10 + 8 =

7 – 4 =

14 + 7 =

26 – 8 =

31 – 6 =

Word: _____

Solar System Code Breaker **Answers**

20 - 1 = **19**

13 + 7 = **20**

16 - 15 = **1**

12 + 6 = **18**

9 + 10 = **19**

Word: **Stars**

12 – 9 = **3**

7 + 8 = **15**

5 + 8 = **13**

12 - 7 = **5**

12 + 8 = **20**

15 + 4 = **19**

Word: **Comets**

10 + 4 = **14**

15 – 10 = **5**

8 + 8 = **16**

20 + 0 = **20**

25 – 4 = **21**

7 + 7 = **14**

13 – 8 = **5**

Word: **Neptune**

6 + 7 = **13**

16 – 11 = **5**

10 + 8 = **18**

7 – 4 = **3**

14 + 7 = **21**

26 – 8 = **18**

31 – 6 = **25**

Word: **Mercury**