

2026 **»»** YEAR 6 TRANSITION



My Summer Reading Challenge



My goal for the summer:

DATE	TITLE OF BOOK / TEXT	AUTHOR	GENRE (e.g. adventure, fantasy, facts)	PAGES READ
What I Thought? (My favourite part, what happened, new words, etc)				☆ ☆ ☆ ☆ ☆
What I Thought? (My favourite part, what happened, new words, etc)				☆ ☆ ☆ ☆ ☆
What I Thought? (My favourite part, what happened, new words, etc)				☆ ☆ ☆ ☆ ☆
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What I Thought? (My favourite part, what happened, new words, etc)				☆ ☆ ☆ ☆ ☆



TIPS TO REMEMBER!

- * Read a little bit each day.
- * Choose books you enjoy!
- * Try new things and new genres.

- * Keep your record up to date.
- * Ask for recommendations.
- * Most importantly - enjoy!



RATE IT!

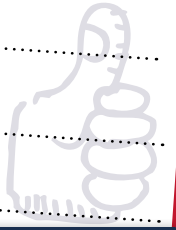
How did you enjoy each book?



colour in
a star!

MY FAVOURITE READS

1.
2.
3.



DATE	TITLE OF BOOK / TEXT	AUTHOR	GENRE (e.g. adventure, fantasy, facts)	PAGES READ
What I Thought? (My favourite part, what happened, new words, etc)				☆☆☆☆☆
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What I Thought? (My favourite part, what happened, new words, etc)				☆☆☆☆☆

MY FAVOURITE QUOTE

Write the name of your 3 favourite books of the summer or draw a picture on the next page!

.....

.....

.....



WELL DONE!

Each page you read
takes you one step closer
to becoming a Gold Reader!

Keep it up - you're doing
amazing!



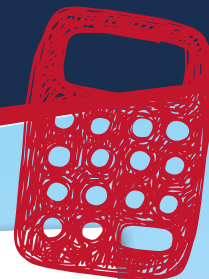




A large, blank sheet of lined paper with horizontal red lines, intended for writing notes. The paper is white and framed by a red border. The lines are evenly spaced and extend across the width of the page.

BES Maths Challenge 1 - Decode the Joke

Factors, Multiples, Primes



Write down the value for each of the letters of the alphabet.

A	The 2nd multiple of 5	
B	The missing multiple of 3: 3, 6, 9, __, 15, 18,...	
C	The 1st multiple of 15	
D	The missing multiple of 2: 2, 4, 6, 8, 10, 12, __,...	
E	The 1st prime number	
F	The 4th multiple of 8	
G	The missing factor of 18: 1, 2, 3, 6, __, 18	
H	The 3rd prime number	
I	The smallest factor of 20	
J	The 5th multiple of 9	
K	The smallest two-digit prime number	
L	The biggest factor of 8	
M	The prime number closest to 20	

N	The smallest prime number greater than 30	
O	The biggest factor of 40	
P	The 4th multiple of 12	
Q	The number of factors of 12	
R	The biggest one-digit prime number	
S	The next prime number after 13	
T	The sum of the first three multiples of 5	
U	The missing factor of 24: 1, 2, 3, __, 6, 8, 12, 24	
V	The smallest odd prime number	
W	The sum of the first five multiples of 7	
X	The sum of all the factors of 15	
Y	The missing factor of 32: 1, 2, 4, 8, __, 32	
Z	The biggest factor of 39 that is a prime number	

Now decode the joke....

105	5	16		14	40		19	10	30	5	17		30	2

10	15	5	2	7	17		105	2	10	7		9	8	10

17	17	2	17	?		1	30		1	19	48	7	40	3
				?										

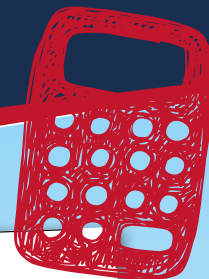
2	17		14	1	3	1	17	1	40	31	!			
											!			



2 3 4 5 6 7 8 9 0

BES Maths Challenge 2 - Decode the Joke

Order of Operations



Calculate a value for each of the letters of the alphabet.

A	$4 + 2 \times 8$	
B	$5 \times 3 + 1$	
C	$8 + 10 \div 2$	
D	$4 \times 3^2 - 5$	
E	$10 - 2^2$	
F	$50 - 6 \times 3$	
G	$7 + 2 \times 4^2$	
H	$10^2 - 5 \times 3$	
I	$(5 + 3) \div (-9 + 1)$	
J	$20 - (2 - 5)^2$	
K	$8^2 + 16 \div 2$	
L	$(19 + 1) \div 2^2$	
M	-3×2^3	

N	$8 + 3^3$	
O	$10^2 - 2 \times 7$	
P	$7 + 50 \div 5$	
Q	$60 - (7 - 3)^2$	
R	$7 - \sqrt{16}$	
S	$6 \times \sqrt{9 + 16}$	
T	$\sqrt[3]{125} - 4 \times 5$	
U	$\sqrt[3]{65 - 1} \times (3 - 7)$	
V	$\sqrt{36} - 2 \times 3^2$	
W	$32 - 20 \div 4$	
X	$(20 - \sqrt[3]{125})^2$	
Y	$(8 - 5)^3 - 15 \div 3$	
Z	$80 - \sqrt{144} \div 6$	

Now decode the joke....

20	3	6		-12	20	-24	17	-1	3	6	30		39	86

86	31		20	-15		-24	20	-15	85	30	?		35	86

-15		-16	35	5	6	30	30		22	86	-16		13	86

-16	35	-15		31	3	20	13	-16	5	20	!			



2 3 4 5 6 7 8 9

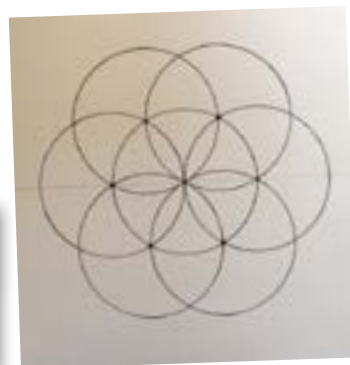
BES Science Challenge - Constructing

a Knot from a Seed of Life

For this construction you will need to work on a piece of A4 paper in portrait.

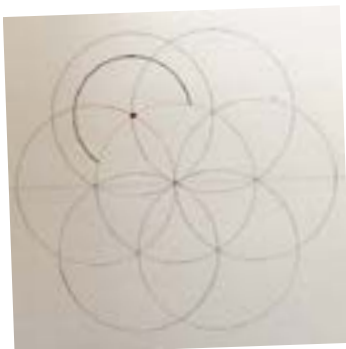
Step 1 – Start with a seed of life made up of seven circles of radius 4 cm.

1



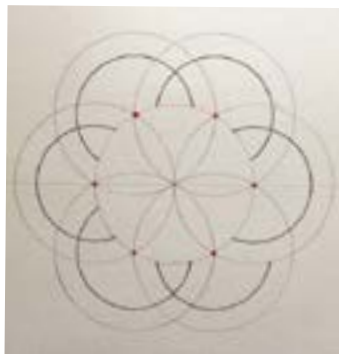
Step 2 – Set compasses to a radius of 3 cm and with compass point on red intersection point, draw in an arc.

2



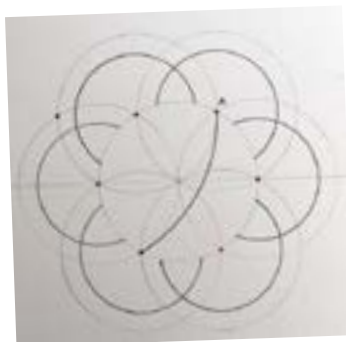
Step 3 – Keeping compasses at same radius, add arcs from each of the red intersection points.

3



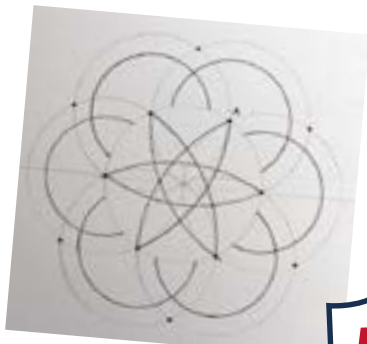
Step 4 – With compass point on the blue intersection point, open to point A and draw in arc shown.

4



Step 5 – Keeping compasses at same radius, add arcs from each of the blue intersection points.

5



Step 6 – Using the same intersection point as step 4, open up the compasses to point B and draw an arc. Repeat from all intersection points.

6



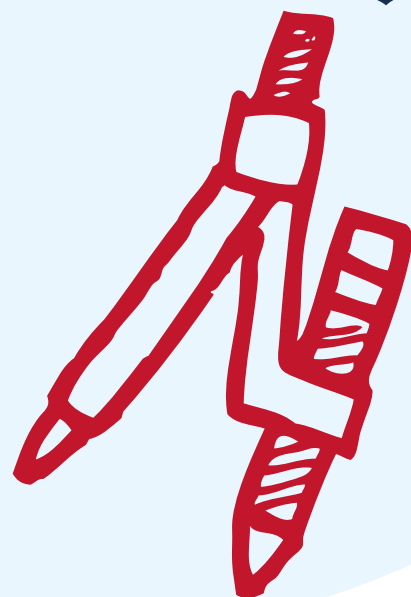
Step 7 – Outline the knot in pen as shown, either by hand or using a pen in your compasses.

7



Step 8 – Colour in your knot using pencils or fineliners!

8



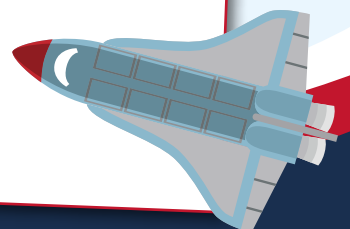


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SPACE

Your Challenge is to design an amazing, out of this world rocket!!!

If you get stuck you could look on the internet or go down to your local library and look up rockets!!



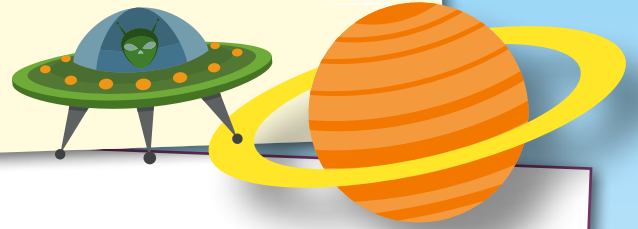


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SPACE

Now you have designed your rocket its time to take your rocket to a far away planet!

Can you create a brand new planet?



Name of Planet.....

How big is your planet?

Is there life form on your planet?.....

Is it a hot or cold planet?

Your task is to draw your planet!



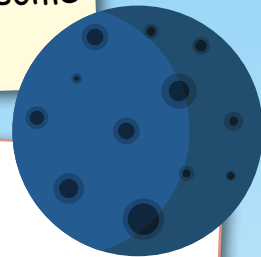
BRIDGNORTH
Endowed



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SPACE

Now you have created a wonderful planet your challenge is to create some aliens that live on your planet or are visiting it!



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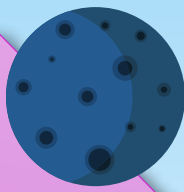


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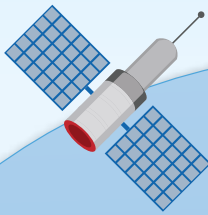
Facts about space. Can you find the answers to these tasks? You could use the internet or visit your local library.



Task 1: List at least 5 planets in the solar system



Task 2: Find out how far away the moon is to earth.



Task 3: Explain how we have day and night. Explain why we have seasons.



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