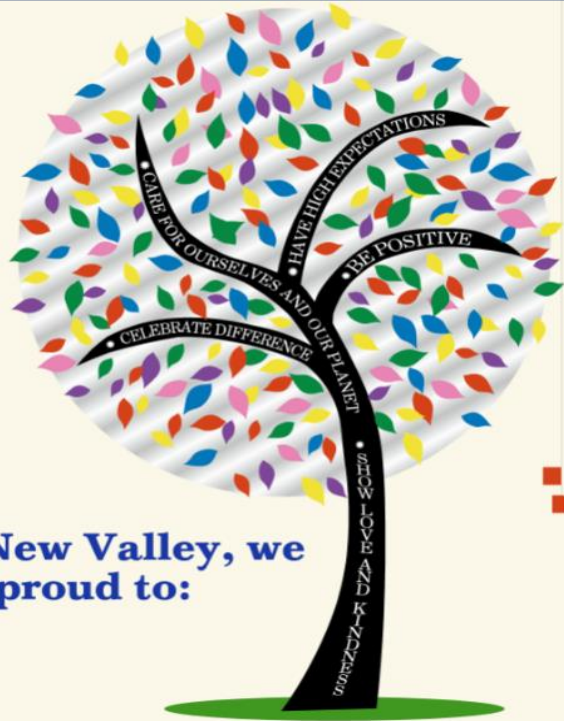




NEW VALLEY PRIMARY SCHOOL REMOTE LEARNING TUESDAY 23RD FEBRUARY



At New Valley, we
are proud to:

Year 5

Beech Class

Week Beginning 22/2/2021

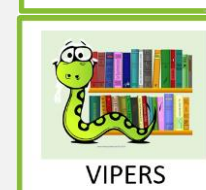
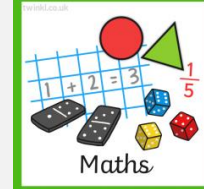
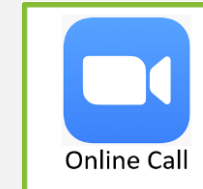
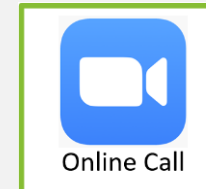
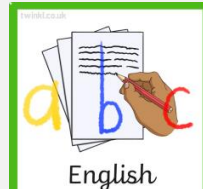
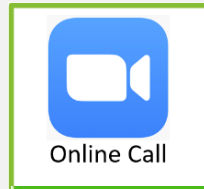
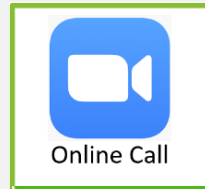
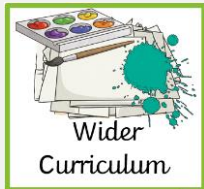
Work should be photographed or scanned and returned to me at beech@newvalleyprimary.com.

Thanks for not printing this page!

Beech Class

Recommended Daily Timetable

9.00-9.30	9.30-10.00	10.00-10.30	10.30-11.00	11.00-12.00	12.00-1.00	1.00-1.30	1.30-2.00	2.00-3.00
Wider curriculum	Walk/Exercise	Call with Miss Swainson/Spellings	Call with Miss Swainson/Spellings	English	Lunch and Free Time	Video call with Miss Swainson/VIPERS	Video call with Miss Swainson/VIPERS	Maths



Thanks for not printing this page!

Click on me to login to TTRS.
Have you played a new gig yet?



Our video calls

English- We will be looking at VIPERS

Maths- Bring your flashback 4 (maths warm up)



The Girl of Ink and Stars

Look at the first couple of pages we read yesterday from Chapter 1.

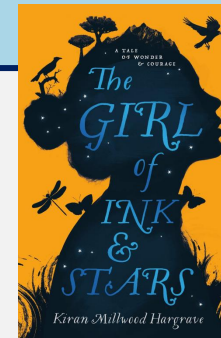
[\(Click here\)](#)

Using the text we are going to summarise and retrieve what we know so far.

- Who are the characters we have met so far?
- What do we know about the characters?
- Where is the book set?
- What kind of place does Isabella and Da live?

Use our working wall to help.

[Stuck? Need some ideas?](#)
[Look at our working wall](#)
[for VIPERS. Click here](#)



Spellings

[Click here to go to spellings](#)



Wider Curriculum

Space and Earth!

The Solar System

Watch the video about the [Solar System here](#).

Order the planets using the names of the planets.

You can either use the worksheet provided or you could make your own hanging mobile of planets, or create the planets.

[Click here for the sheet](#)

[Click here for fun ideas instead](#)



[Stuck? Need reminding? Look at our working wall for Maths. Click here](#)

Maths

LO: To multiply 3 digits by 2 digit.

Please follow the links to the White Rose website to find today's lesson. [Click here for our warm up.](#)

[Lesson Video Link](#)

[Lesson Activity Sheet online Link](#) or [click here for the Activity Sheet](#)

[Today's answers](#)

VIPERS - THE GIRL OF INK AND STARS

Setting

The house

Da

Characters

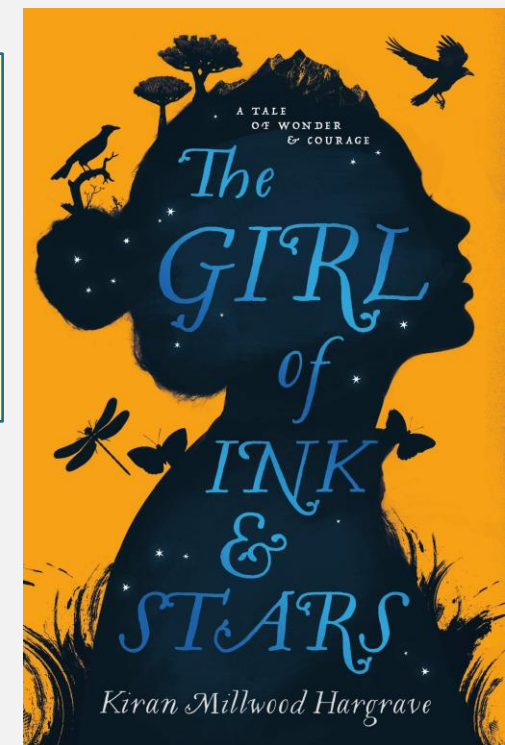
Gabo

Joya

Isabella

Plot so
far...

New Language.



Thanks for not printing this page!

[CLICK HERE TO GO BACK TO HOMEPAGE](#)

CHAPTER ONE

They say the day the Governor arrived, the ravens did too. All the smaller birds flew backwards into the sea, and that is why there are no songbirds on Joya. Only huge, ragged ravens. I'd watch them perch on the rooftops like omens, and try to squint them into the chaffinches and goldcrests Da drew from memory. If I imagined hard enough, I could almost hear them singing.

'Why did the songbirds leave, Da?' I'd ask.

'Because they could, Isabella.'

'And the wolves? The deer?'

Da's face would darken. 'Seems the sea was better than what they were running from.'

Da would tell me another story then, about the girl-warrior Arinta, or about Joya's mythical past as a floating island, and refuse to say more about the wolves and the backwards birds. But I kept asking, until the day came when I found my own answers.

The morning it began was like any other.

I woke in my narrow bed, sunrise just starting to brighten the mud walls of my room. The smell of burnt porridge hung on the air. Da must have been up for hours, as it took a long time for the fire to heat the heavy clay pot. I could hear Miss La, our hen, scratching about outside my room, seeking out crumbs. She was thirteen years old, same as me, but even though it's young for a person, it's very, very old for a chicken. Her feathers were grey, her mood was black and even our cat Pep was scared of her.

My tummy rumbled as I stretched my arms. Pep was sprawled across my legs, and he yowled loudly as I sat up.

'You awake, Isabella?' Da called from the kitchen.

'Morning, Da.'

'Porridge is ready. A little over-ready, in fact...'

'Coming!' I eased my legs out and smoothed the cat's rough fur where it had ruffled in the night. 'Sorry, Pep.'

He purred and closed his green eyes.

I washed my face in the basin by the window, and stuck a tongue out at the reflec-

tion in the polished metal above Gabo's bed, straightening his sheets, dustier every day, but still made. The voice line arched next to his pillow – a long, thin hollow Da had etched for us up the walls and over the ceiling. When we pressed our lips to it and whispered, it carried our voices so we could talk even when we were at each end of the room in our separate beds.

Three years now. Three years since I sat there, my twin's hand fire in mine as he faded in the night, fast as a blown-out match.

But still I could conjure him. Easy as breathing.

It would not do to start the day sad. Shaking the thoughts out of my head, I pulled on my school dress. It was as big as it had been six weeks before. My best friend Lupe would laugh. *Still the shortest in the class!* she'd say.

I quickly braided my unbrushed hair and hoped Da wouldn't notice I hadn't untangled it all summer. Pep was rolling on the bed but I wasn't allowed to stroke him with my uniform on. My teacher, Señora Feliz, was always picking ginger hairs off my dress with irritated fingers.

ADJECTIVES TO ADVERBS

Activity 1-

Look at the adjectives below. If we add 'ly' to the end they become adverbs

e.g. Interesting- Interestingly

Change the adjectives to adverbs by adding the suffix -ly.

Interesting, curious, impressive,
strange, sad, unfortunate,
tentative, gradual, patient,
controversial

NASA FACTS

NACA was formed in 1915

NACA stands for The National Advisory Committee for **Aeronautics**

In 1935, the first female computers are hired at NACA

NACA tested and researched aeroplanes in WW1

NACA tested and researched planes in WW2

NACA used **wind tunnels** to test model planes

NACA employed women as **computers**

The computers used **calculating machines** to process **data**

NACA started to employ African American employees

NACA had a **segregated** workplace

Offices and toilets were **segregated**

NACA made planes that could travel faster than the **speed of sound**

NACA created new kinds of **missiles** and **bombers**.

NASA was formed in 1958

In 1958 segregation ended at NASA

Activity 2 -

Group facts. (Click here for the facts). You can either write them out or cut them out and move them about.

Can you think of headings for each group?

NASA FACTS

NASA stands for the National **Aeronautics** and Space Administration

Mary Winston Jackson was the first African American woman employed by NACA

Neil Armstrong was the first man on the moon

Astronaut Alan Shepard, America's first man in space in May 1961

Russian **cosmonaut** Yuri Gagarin becomes the first human being to travel into space in April 1961

Russia launched the first **satellite** into space

The first satellite in space was called Sputnik

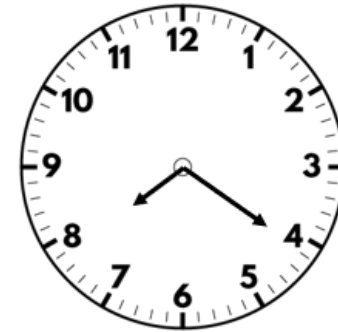
John Glenn was the first man to **orbit** the Earth in 1962

Neil Armstrong and Edwin "Buzz" Aldrin became the first humans to land on the moon in 1969

Mae Jemison was the first African American woman in space

Flashback 4

Year 5 | Week 1 | Day 2



1) What is 253×3 ?

2) Work out the area of the rectangle



3) What is 10^2 ?

4) What is 100 more than 9,308?

MATHS WORKING WALL-MULTIPLICATION

Our journey so far...

WINK- What I need to Know
WIND- What I need to Do

Key Vocabulary

multiply

groups of

lots of

times

divide

share

remainder

factor

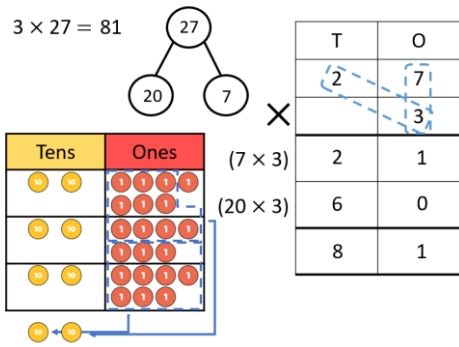
multiple

product

Multiplying 2 digits by 1 digit

WIND-

- Partition the largest number. Place the single digit under the ones column.
- Multiply the ones e.g. 3×7 and write the answer below.
- Multiply the ones with the tens. 20×3 and write it below.
- Add them together.

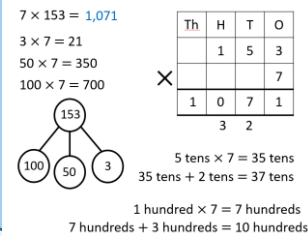


[Link to the video](#)

Multiplying 3 and 4 digits by 1 digit

WIND-

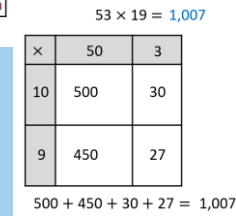
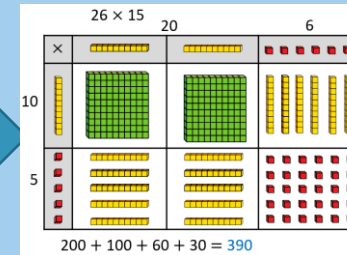
- Partition the largest number. Place the single digit under the ones column.
- Multiply the ones and write the answer below.
- Multiply the ones with the tens and write it below.
- Multiply the ones by the hundreds.
- Don't forget to count any numbers that have been carried over.



[Link to the video](#)

Multiply 2 digits area model

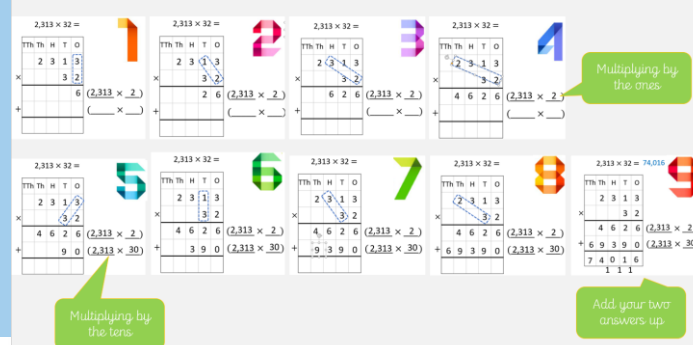
Multiply all the digits using the grid.



[Link to the video](#)

Multiply 3 and 4 digits by 2 digits

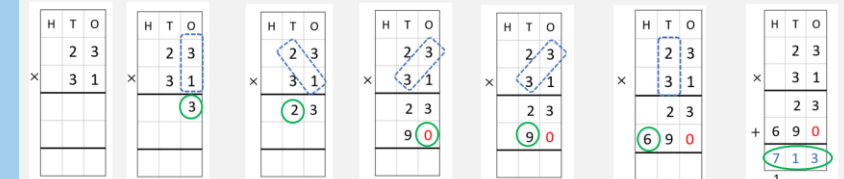
See next few slides



[Link to the video](#)

Multiply 2 digits by 2 digits

23×31



Multiply the ones. Place the answer under the ones.

Multiply the ones of the lower column by the tens of the top column. Write the answer under the tens column.

Place zero in the ones (we're now multiplying by 10s).

Multiply the tens of the bottom column by the ones in the top column. Write the answer in the tens column next to the 0.

Multiply the tens. Place the answer in the hundreds column.

Add your two rows of answers together.

[CLICK HERE TO GO BACK TO HOMEPAGE](#)

Thanks for not printing this page.

$$23 \times 31$$

	H	T	O
		2	3
×		3	1

Multiply the ones.
Place the answer
under the ones.

	H	T	O
		2	3
×		3	1
			3

Multiply the
ones of the
lower column
by the tens of
the top column.
Write the
answer under
the tens
column.

	H	T	O
		2	3
×		3	1
		2	3

Place zero
in the ones
(we're now
multiplying
by 10s).

	H	T	O
		2	3
×		3	1
		2	3
		9	0

Multiply the
tens of the
bottom
column by
the ones in
the top
column.
Write the
answer in
the tens
column next
to the 0.

	H	T	O
		2	3
×		3	1
		2	3
		9	0

Multiply the
tens. Place the
answer in the
hundreds
column.

	H	T	O
		2	3
×		3	1
		2	3
	6	9	0

Add your two
rows of
answers
together.

	H	T	O
		2	3
×		3	1
		2	3
+	6	9	0
	7	1	3
	1		

$$2,313 \times 32 =$$



	TTh	Th	H	T	O
		2	3	1	3
×				3	2
					6
+					

$$(2,313 \times 2)$$

$$(\quad \times \quad)$$

$$2,313 \times 32 =$$



	TTh	Th	H	T	O
		2	3	1	3
×				3	2
				2	6
+					

$$(2,313 \times 2)$$

$$(\quad \times \quad)$$

$$2,313 \times 32 =$$



	TTh	Th	H	T	O
		2	3	1	3
×				3	2
				6	2
+					

$$(2,313 \times 2)$$

$$(\quad \times \quad)$$

$$2,313 \times 32 =$$



	TTh	Th	H	T	O
		2	3	1	3
×				3	2
				6	2
+					

$$(2,313 \times 2)$$

$$(\quad \times \quad)$$

Multiplying by the ones

$$2,313 \times 32 =$$



	TTh	Th	H	T	O
		2	3	1	3
×				3	2
+					

$$(2,313 \times 2)$$

$$(2,313 \times 30)$$

Multiplying by the tens

$$2,313 \times 32 =$$



	TTh	Th	H	T	O
		2	3	1	3
×				3	2
+					

$$(2,313 \times 2)$$

$$(2,313 \times 30)$$

$$2,313 \times 32 =$$



	TTh	Th	H	T	O
		2	3	1	3
×				3	2
+					

$$(2,313 \times 2)$$

$$(2,313 \times 30)$$

$$2,313 \times 32 =$$



	TTh	Th	H	T	O
		2	3	1	3
×				3	2
+					

$$(2,313 \times 2)$$

$$(2,313 \times 30)$$

$$2,313 \times 32 = 74,016$$



	TTh	Th	H	T	O
		2	3	1	3
×				3	2
+					

$$(2,313 \times 2)$$

$$(2,313 \times 30)$$

Add your two answers up

Multiply 3-digits by 2-digits

1 Complete the multiplications.

a) $13 \times 3 =$

c) $25 \times 4 =$

$13 \times 30 =$

$25 \times 40 =$

b) $130 \times 2 =$

d) $204 \times 4 =$

$130 \times 20 =$

$204 \times 40 =$

2 Complete the multiplications.

a)

		2	3	1	
	x		1	3	
		6	9	3	
		2	3	1	0

(231 \times 3)

(231 \times 10)

b)

			5	1	2	
	x			2	4	
		2	0	4	8	
		1	0	2	4	0

(\times)

(\times)

3 Brett is calculating 216×23

	2	1	6
x		2	3
	6	4	8
	4	3	2
	6	9	1

What mistake has Brett made?

What is the correct answer?

4 Complete the multiplications.

a) $142 \times 31 =$

c) $214 \times 53 =$

b) $337 \times 46 =$

d) $24 \times 183 =$

- 5 Some children are asked to work out 308×19

a) Which is the best estimate to use to check their answers?

Circle your choice and work out the answer to your estimate.

300×10

300×20

310×20

300×19

estimate answer =

b) Explain the reasons for your choice.

c) Here are answers given by three children.

Nijah 28,028

Filip 5,852

Whitney 2,080

From your estimate, who do you think is correct?

d) Work out the correct answer.

e) What mistakes might the others have made?

- 6 A football pitch is 128 m long and 52 m wide.

a) What is the area of the pitch?

b) A field is 25,000 m².

How many football pitches could fit in it?

- 7 Write $>$, $<$ or $=$ to complete each statement.

a) 146×64

164×46

135×53

153×35

b) What do you notice?

Does this always happen?

- 8 Miss Rose is ordering some pencils.

She orders 17 of pack A, 14 of pack B and 4 of pack C.

Pack A



Pack B



Pack C



How many pencils does Miss Rose order?

Each pencil costs 16p.

How much does Miss Rose spend on pencils?



[CLICK HERE TO GO BACK TO HOMEPAGE](#)



Click on me
to roll a die

Spellings

dependable

comfortable

understandable

reasonable

enjoyable

reliable

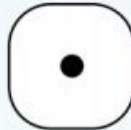
possible

horrible

terrible

incredible

Roll a die or ask someone to pick a number from 1-6 for each spelling.



Write your word in a full sentence.



Write your word in capital letters.



Write your word three times.



Write your word in different colours.



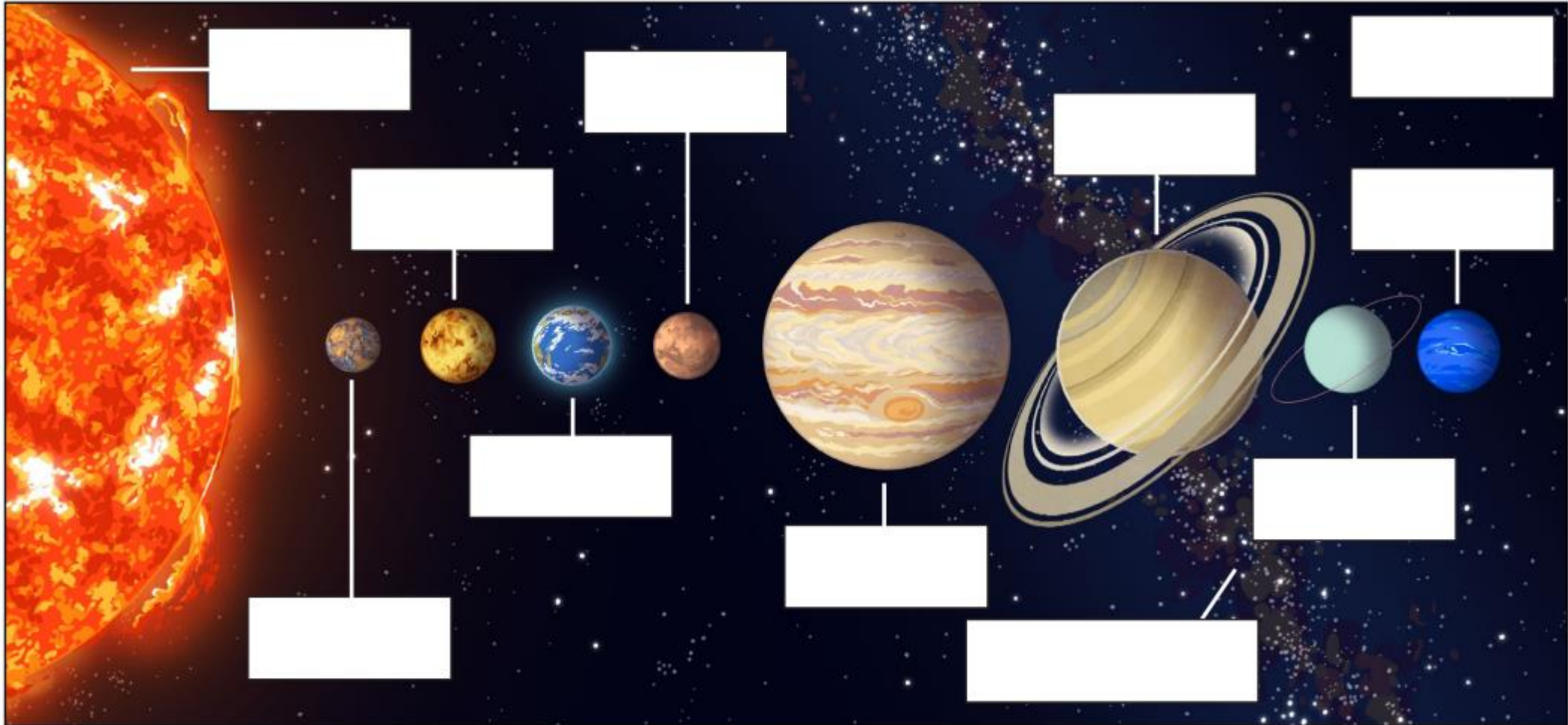
Write what your word means.



Spell the word out loud.

The Solar System

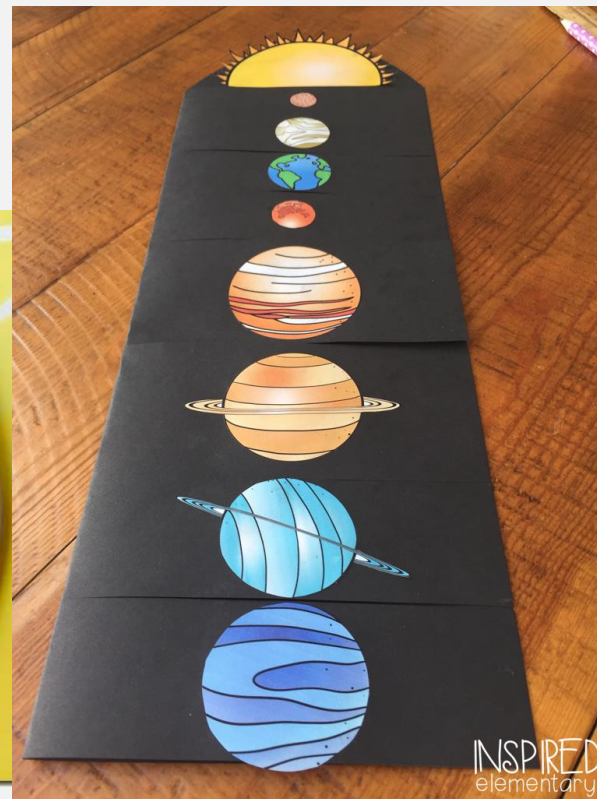
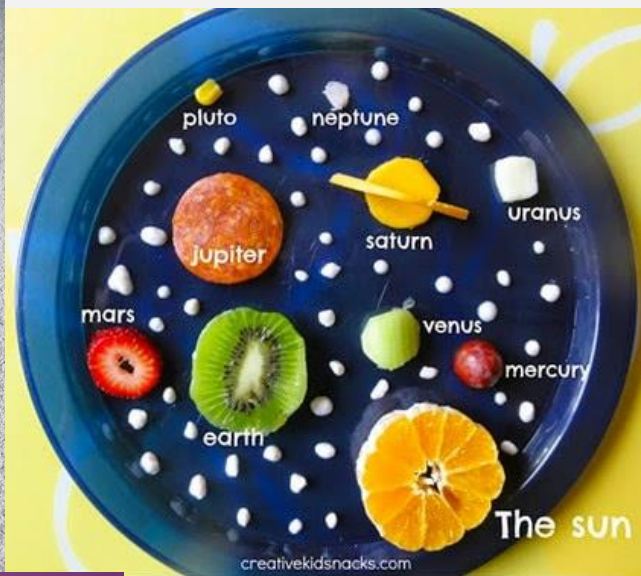
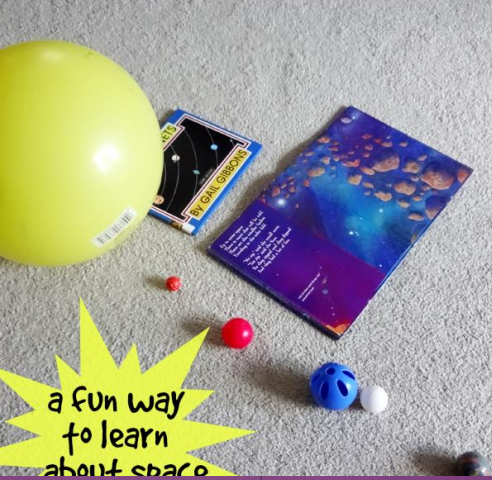
Use the word bank provided to label the parts of the solar system.



Mars	Earth	Neptune	Saturn	outer space	The Milky Way
Jupiter	Uranus	The Sun	Venus	Mercury	

OTHER IDEAS

ORDER THE PLANETS



How creative can you be making your solar system? You could use:

- Balls outside
- Make a mobile
- Make a diagram
- Use fruit
- Create cakes
- Cut and stick them in order

