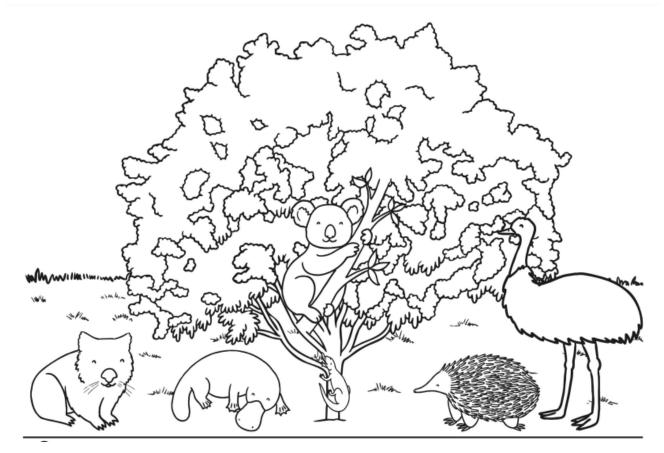
Cambridge Gardens Public School Unit 5 - Year 2 Part B



Name: Class:

Google Classroom Username: ______@education.nsw.edu.au

Class Code: 42bjpt5

Look out for this icon in the Unit Framework. When you see this icon, you will know that there's an awesome video on Google Classroom to help you with the activity.

	Day 6	Day 7	Day 8	Day 9	Day 10
	24/8/21	25/8/21	26/8/21	27/8/21	30/8/21
English	Spelling Write your spelling words and write three sentences using some of your spelling words. (20 minutes) (20 minutes of Reading Eggs Maps or lessons. OR Eggspress Select the "Spelling" icon and complete Lesson 80. (15 minutes) Sentence A Day Complete the S.A.D activity (10 minutes) Select one of the texts listed to engage in the predicting activities. Listen along or read the story to check your prediction. (20 minutes) Writing Select activity A, B, C and highlight the various features of a procedure text. (15 minutes)	Jolly Spelling Complete the Jolly Spelling worksheet. (15 minutes) Handwriting Complete the handwriting worksheet. (10 minutes) Optional: <u>Reading Eggs</u> Complete 15 minutes of Reading Eggs Maps or lessons. <u>OR</u> <u>Eggspress</u> Select the 'English Skills' icon and complete the next lesson. <u>Reading</u> Questioning- Read one of the texts listed from the Reading Eggs Library and complete the book quiz. (15 minutes) <u>Writing</u> Choose activity A, B or C and enjoy procedure writing about your own ultimate milkshake! (20 minutes)	Sentence A Day Complete the S.A.D activity (10 minutes) Optional: Reading Eggs Complete 15 minutes of Reading Eggs Maps or lessons. OR Eggspress Select the 'Library' icon and choose a book to read. Complete the quiz. Reading Select one of the texts to engage in today's 'Fluency Move & Groove' activities! (15 minutes) Writing Choose activity A, B or C and write a procedure text about how to make your own fruit hedgehog or a procedure of your choice. (20 minutes)	Jolly Grammar Complete the Jolly Grammar worksheet. (10 minutes) Optional: <u>Reading Eggs</u> Complete 15 minutes of Reading Eggs Maps or lessons. OR Eggspress Select the 'Stadium' icon and play a game. Optional: Complete the word search. (10 minutes) Handwriting Complete the handwriting worksheet. (10 minutes) Reading Select one of the texts to engage in today's 'Fluency Move & Groove' activities! (15 minutes) <u>Writing</u> Free writing - Choose activity A, B or C and use the picture stimulus to inspire you for today's free writing task. (20 minutes)	Spelling Complete your spelling test on your spelling words for the week. (15 minutes) Sentence A Day Complete the S.A.D activity (10 minutes) Optional: <u>Reading Eggs</u> Complete 15 minutes of Reading Eggs Maps or lessons. OR Eggspress Select the 'My Lessons' icon and complete the next lesson. <u>Writing</u> Choose activity A, B or C to write a recount about your weekend. (15 minutes) <u>Tricky Words</u> Complete the Tricky Words 'Roll a Graph' worksheet to practise reading and spelling your tricky words. (20 minutes)

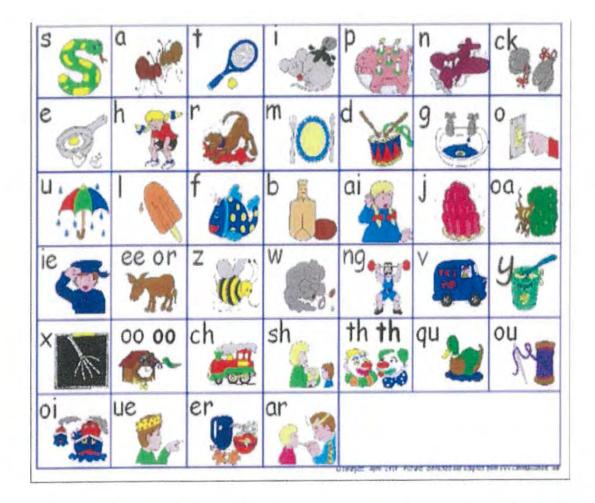
Break	Complete 15 minutes of physical activity					
Maths	Number of the day Today's number is 800. Complete the worksheet. (10 minutes) Problem A Day Complete the Problem a Day question provided. (5 minutes) TEN time Complete the TEN activity. (10 minutes) Mathematics Complete the Addition and Subtraction worksheet. (20 minutes) Mathletics Complete assigned task (and any additional tasks of your own choosing).	Number of the day Today's number is 777. Complete the worksheet. (10 minutes) Problem A Day Complete the Problem a Day question provided. (5 minutes) TEN time Complete the TEN activity. (10 minutes) Mathematics Complete the Division worksheet. (20 minutes) Mathletics Complete assigned task (and any additional tasks of your own choosing).	Number of the day Today's number is 345 . Complete the worksheet. (10 minutes) Problem A Day Complete the Problem a Day question provided. (5 minutes) TEN time Complete the TEN activity. (10 minutes) Mathematics Complete the Division worksheet. (20 minutes) Mathletics Complete assigned task (and any additional tasks of your own choosing).	Number of the day Today's number is 510 . Complete the worksheet. (10 minutes) Problem A Day Complete the Problem a Day question provided. (5 minutes) TEN time Complete the TEN activity. (10 minutes) Mathematics Complete the Time worksheet. (20 minutes) Mathletics Complete assigned task (and any additional tasks of your own choosing).	Number of the day Today's number is 989 . Complete the worksheet. (10 minutes) Problem A Day Complete the Problem a Day question provided. (5 minutes) TEN time Complete the TEN activity. (10 minutes) Mathematics Complete the Fractions worksheet. (20 minutes) Mathletics Complete assigned task (and any additional tasks of your own choosing).	
Break		Complete 15	minutes of ph	nysical activity	/	
Other KLAs	<u>D.E.A.R</u> Choose a book to read for enjoyment. (10 minutes) <u>Wellbeing</u> Father's Day is just around the corner! During this task, you will be appreciating a special male in your life. (35 minutes)	D.E.A.R Choose a book to read for enjoyment (10 minutes) Library Take part in Mrs Rau's library lesson and reflect on those people attached to your invisible string. (35 minutes)	D.E.A.R Choose a book to read for enjoyment. (10 minutes) Creative Arts Head over to Google Classroom and watch the video titled 'Father's Day Hand Craft With Miss Mulock'. (35 minutes)	D.E.A.R Choose a book to read for enjoyment. (10 minutes) Wellbeing Select a paralympic athlete and design a poster or write a report about them. (35 minutes)	D.E.A.R Choose a book to read for enjoyment. (10 minutes) PDHPE Head over to Google Classroom and watch Miss Kinnish's 'Alphabet Exercise' video. Spell out your name by completing the exercises. (35 minutes)	

	Day 11 31/8/21		
STEM	Activity 1 Listen to "The Most Magnificent Thing" by Ashley Spires and complete the table describing the girl's appearance, traits and emotions Activity 2 Draw a labeled diagram of something you have made or created		

Break	Complete 15 minutes of physical activity				
STEM	Activity 3 Investigate the 2D shapes used in "The most Magnificent Thing" and use them to create your own dog for the story Activity 4 Investigate the different 3D objects around your home and draw them into the column table provided				

Break	Complete 15 minutes of physical activity

STEM	Activity 5 Think of and draw 3 different designs for a vehicle to carry and deliver a parcel. Choose one of your designs to create a real-life model using recyclable and/or household materials				
------	--	--	--	--	--



BLUE	YELLOW	RED	GREEN	PINK	BROWN
1	уои	one	why	saw	once
the	your	by	where	put	upon
he	come	like	who	could	always
she	some	have	which	should	also
me	said	live	any	would	of
we	here	give	many	right	eight
be	there	only	more	two	love
was	they	old	before	four	cover
to	90	little	other	goes	after
do	no	down	were	does	every
are	SO	what	because	made	mother
all	my	when	want	their	father

Tuesday 24th August 2021 Day 6 - English

Spelling - Silent h

The main way of writing the Silent h is 'h'. There are three extension words at the bottom of the list to challenge yourself with! Write three or more sentences using some of your spelling words. Write three or more interesting sentences using some of your spelling words. List Сору Sentences belt farm hour ghost rhyme rhythm honest rhinoceros centimetre metre character chemist echo **Optional: Dictionary Meanings** Use a dictionary to find the meanings of the words below and write the meanings. honest echo **Teacher Recognition:** Success Criteria: \odot I have practiced spelling words with the silent h. I have used capital letters and full stops in my sentences. $\textcircled{O}{\textcircled{O}}$

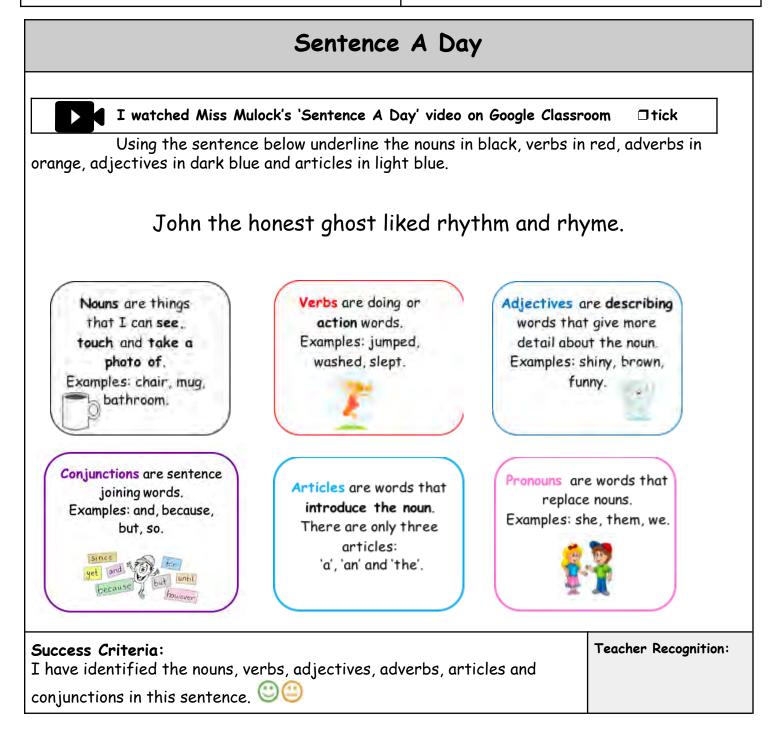
Optional: Reading Eggs or Reading Eggspress

Reading Eggs: Complete 15 minutes of Reading eggs Maps and Lessons.

I completed 15 minutes of Reading Eggs. 😂 😀

Reading Eggspress: Select the "Spelling" icon and complete Lesson 80.

I completed Lesson 80.



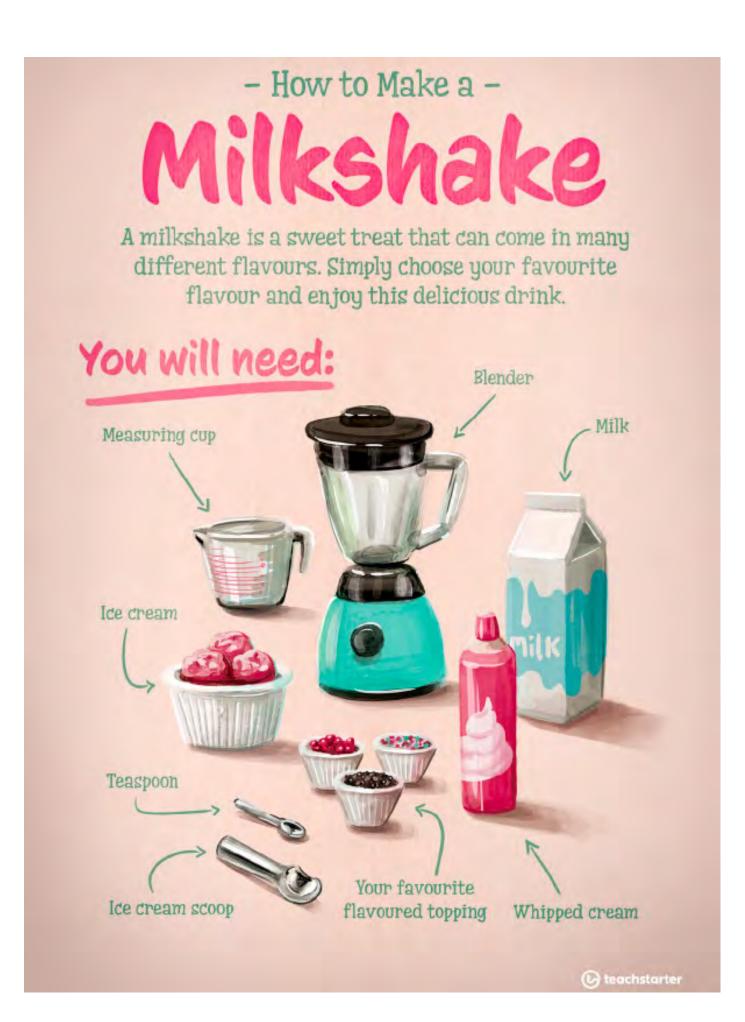
Reading - Predictions						
 Head over to the Reading Eggs Library and select one of these two texts to focus on Look at the front cover of the book and use the following probing questions as verbal discussion points with a family member. Do you think this text is factual or fiction? What will this text be about? What information does the title and pictures on the front cover give you? Why do you believe this text was written? 						

Draw and label a picture of what <u>you predict</u> will happen in this story.

Listen along or read the story to check your prediction!



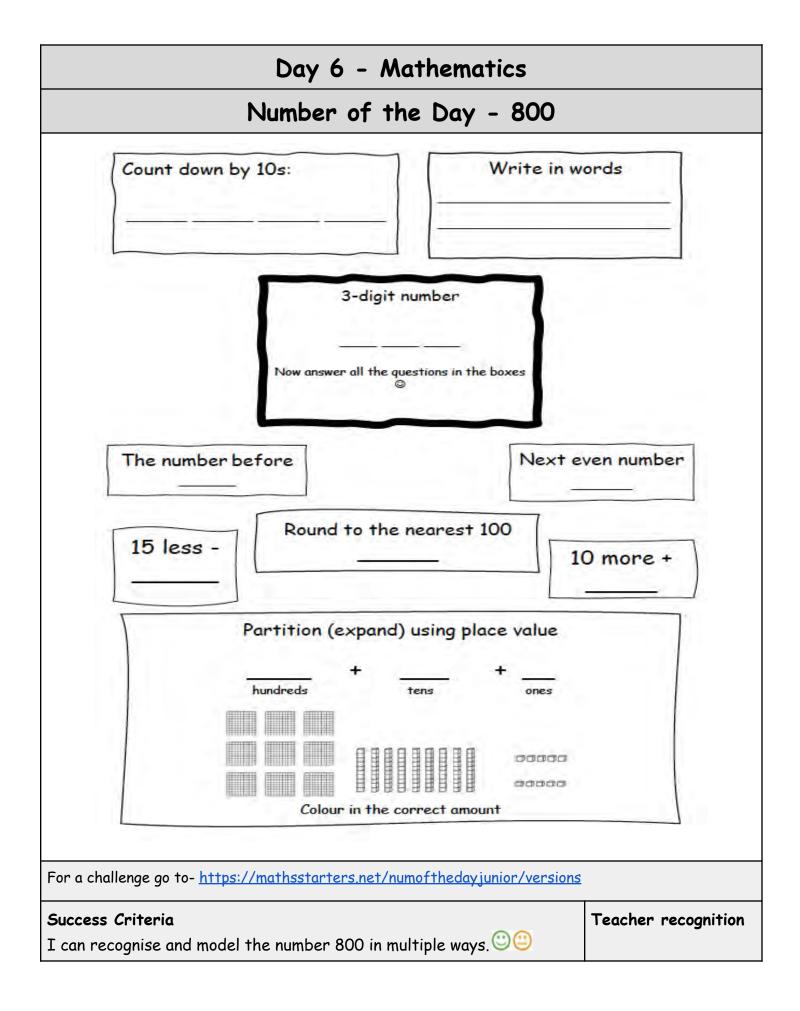
Writing - Procedure Texts					
Select <u>one</u> of the activities b	elow to complete.				
<u>Activity A:</u> With a parent or older sibling, read the procedure text 'How To Make a Milkshake'. Using a highlighter or coloured pencil, underline the common nouns used in this procedure.	Success Criteria: I have highlighted five common nouns in this procedure.				
<u>Activity B:</u> Read the procedure text. Using a highlighter or coloured pencil, underline the common nouns and action verbs used in this procedure.	I have highlighted at least five common nouns and four verbs in this procedure.				
What have you noticed about the first word in each step of the method?					
<u>Activity C:</u> Read the procedure text. Using a highlighter or coloured pencil, highlight the common nouns , action verbs and adverbs used in this procedure.	I have highlighted at least five common nouns, four verbs and one adverb in this procedure.				
What have you noticed about the first word in each step of the method? Highlight the title and subheadings .					





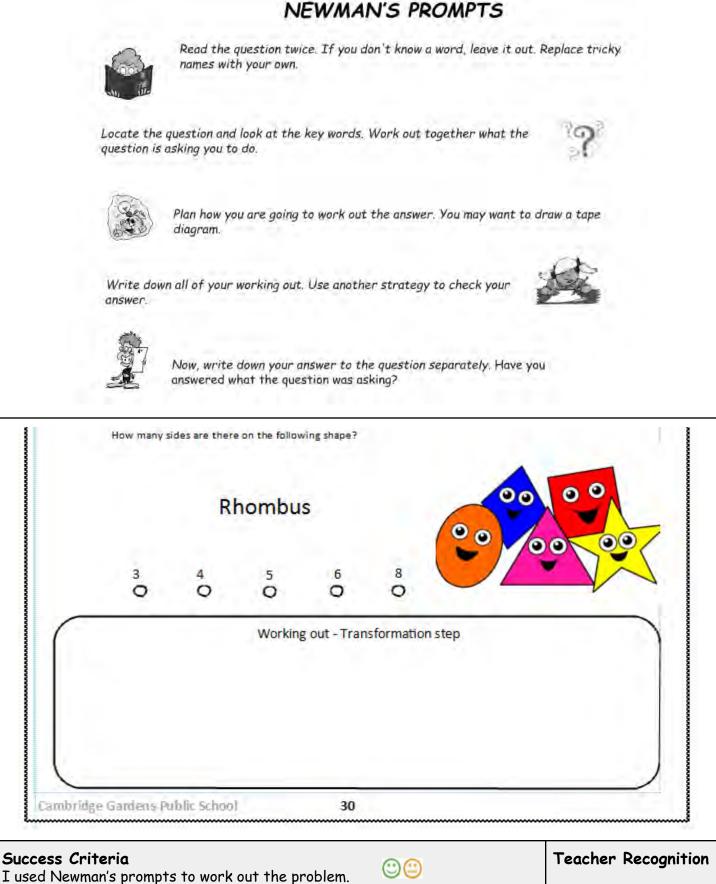
- Measure I cup of cold milk. Pour the milk into the blender.
- 2. Add two large scoops of ice cream to the milk.
- 3. Measure I teaspoon of your favourite flavoured topping. Add this to the blender.
- Blend the ingredients for a minimum of one minute. Check that there are no lumps. Be sure to check that the blender is switched off at the wall before removing the lid.
- 5. Carefully pour your milkshake into a tall glass.
- Add a swirl of whipped cream to the top of your milkshake. Enjoy!

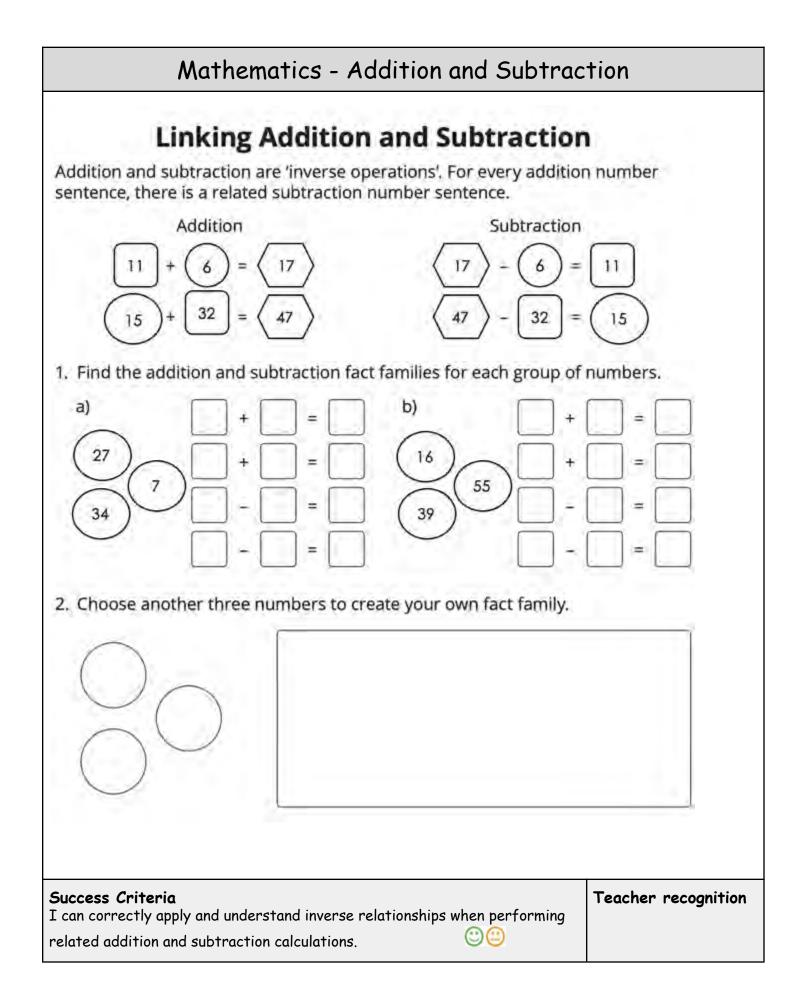




Problem of the Day

NEWMAN'S PROMPTS





Day 6 - Tuesday - Other KLA

DEAR - Drop Everything And Read!

Choose a book of your choice to read for enjoyment (10 minutes)

Wellbeing - Father's Day Appreciation

Father's Day is all about appreciating a male figure in your life who cares about you and loves you a lot! This special male might be your dad, your pop, your uncle, your step dad or anyone else close to you. On Father's Day, we get to say a big THANK YOU to our special person... we might give them a big hug, write them a card or they may even be lucky enough to receive some breakfast in bed!



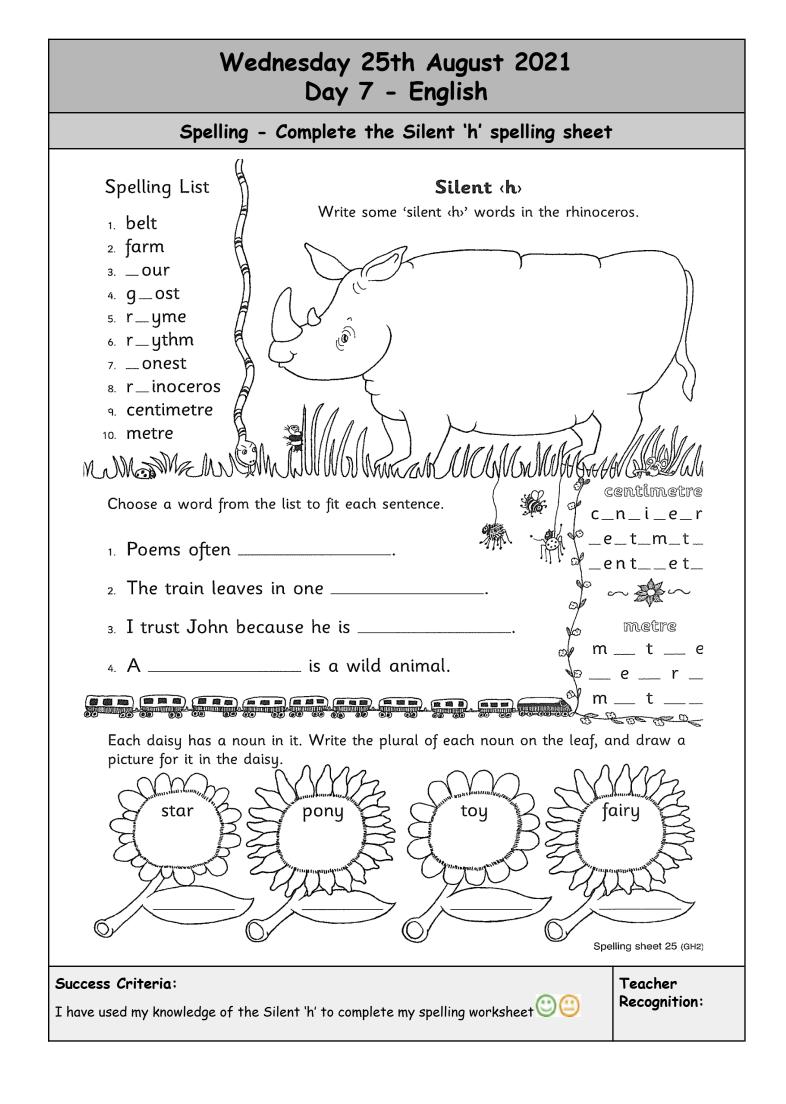
<u>Your Task:</u>

Today, you will be describing that very special male in your life. You will use **one adjective** and **one noun** to finish the statements below.

For example: 'as silly as a playful monkey ' OR 'as kind as a beautiful rainbow'

The special male in my life is	_
He is as silly as	
He is as funny as	
He is as clever as	
He is as kind as	
He is as strong as	
He is as loving as	

Success Criteria:	00	Teacher recognition
I can appreciate the special male in my life		

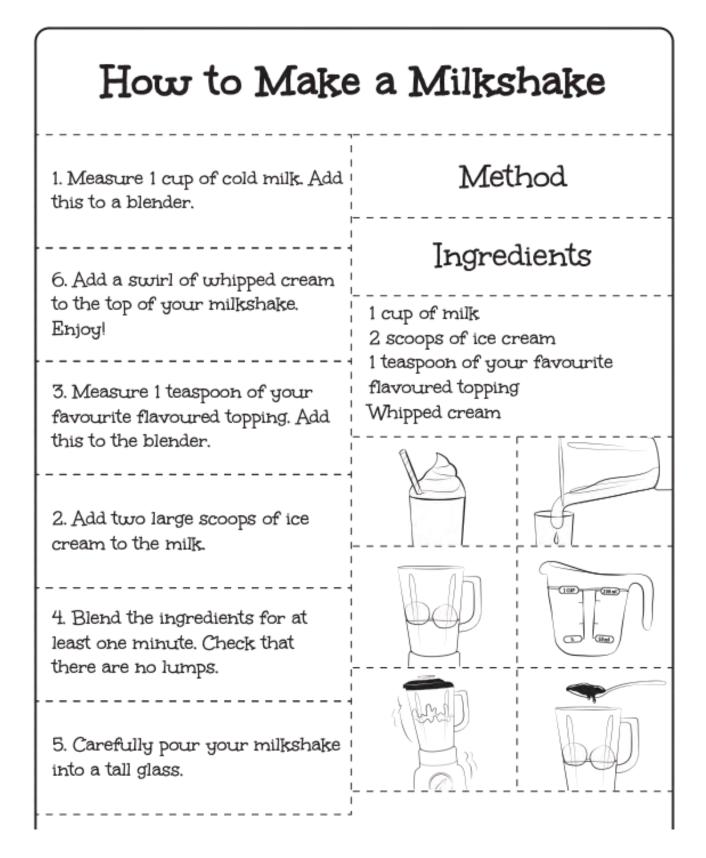


Handwriting: Using a sharp, lead pencil, complete the handwriting worksheet for the letter 'i'.				
Using a sharp, lead pencil, complete th	handwriting work	sheet for the letter 'i'.		
Success Criteria: I have formed my upper and lower case 'i' le	COCO tters correctly.	Teacher Recognition		

Optional: Reading Eggs or Reading Eggspress								
Reading Eggs: Complete 15 minutes of Reading	Reading Eggspress: Select the 'English Skills'							
eggs Maps and Lessons.	icon and complete the next lesson.							
I completed 15 minutes of Reading Eggs.	Name of lesson I completed							

Reading - Questioning								
What Do I Need?	Head onto Reading Eggs, navigate to 'Library' and <u>search for one of these two texts to</u> focus on. Read the text <u>twice</u> . Locate the 'Quiz' icon in the top right hand corner as pictured here.	Polar Bears						
Success Criteria: I co	Teacher Recognition							

Writing - Procedure Texts						
Select one of the activities below to complete.						
Activity A: With a parent or older sibling, read the procedure text 'How To Make a Milkshake' on the following page. Cut and paste the different parts of the procedure text in the correct order. Colour the pictures.	Success Criteria: I have used pictures to sequence the steps to make a milkshake.					
Activity B: Using the 'How To Make a Milkshake' cut & paste worksheet as a guide, design your own ultimate milkshake. What flavour is it? What toppings would you add? Draw a picture with labels. Write a procedure for how to make your ultimate milkshake. You may use the 'My Procedure Plan' worksheet on the following page. Remember to use common nouns throughout your procedure and action verbs to begin each step in your method. Follow your procedure to check your success and post a picture of your result to Google Classroom!	Success Criteria: I have written three or four sentences about how to make my ultimate milkshake. I have used an action verb to begin each step.					
Activity C: Design your own ultimate milkshake. Using the 'My Procedure Plan' scaffold on the following page, write your procedure text for how to make your ultimate milkshake. What flavour is it? What toppings would you add? Remember to include a title and subheadings , a range of nouns and verbs throughout your text and adverbs to begin each step of your method . Follow your procedure to check your success and post a picture of your result to Google Classroom!	Success Criteria: I have written at least five or six sentences about how to make a milkshake. I have included verbs and adverbs to begin each step in my method. I have included an ingredients/equipment list and method.					



My Procedure Plan

Title: _____



Things You Need:

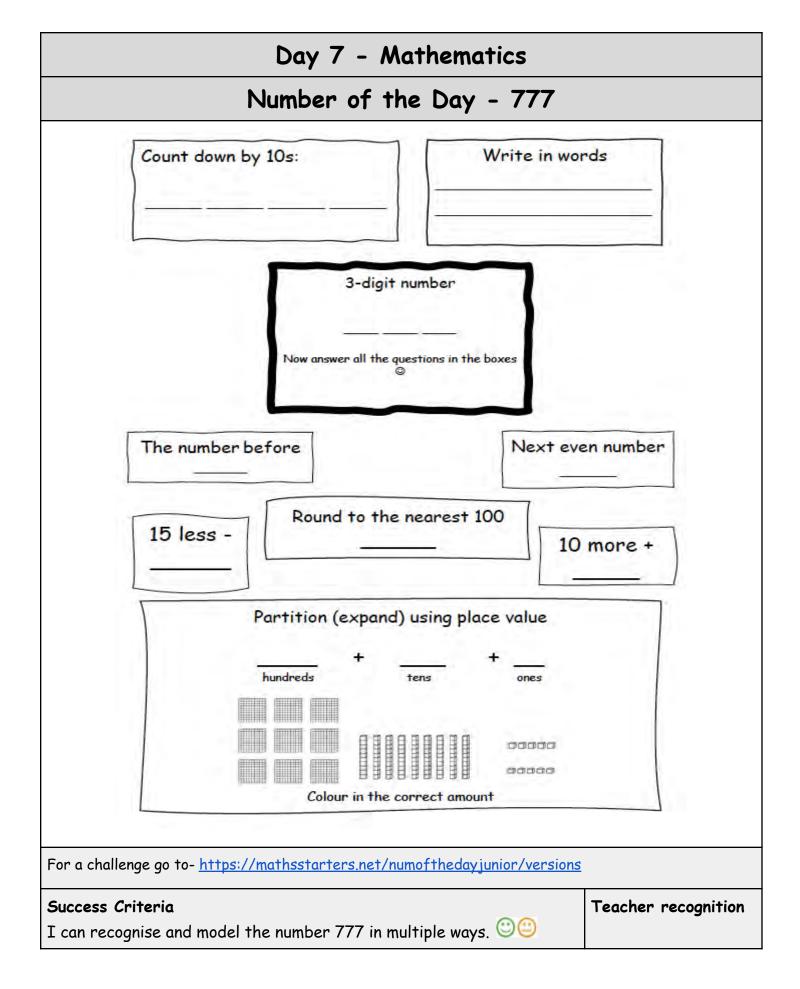
What ingredients and equipment do you need? Remember to use dot points.

- •
- •
- •
- •

Steps

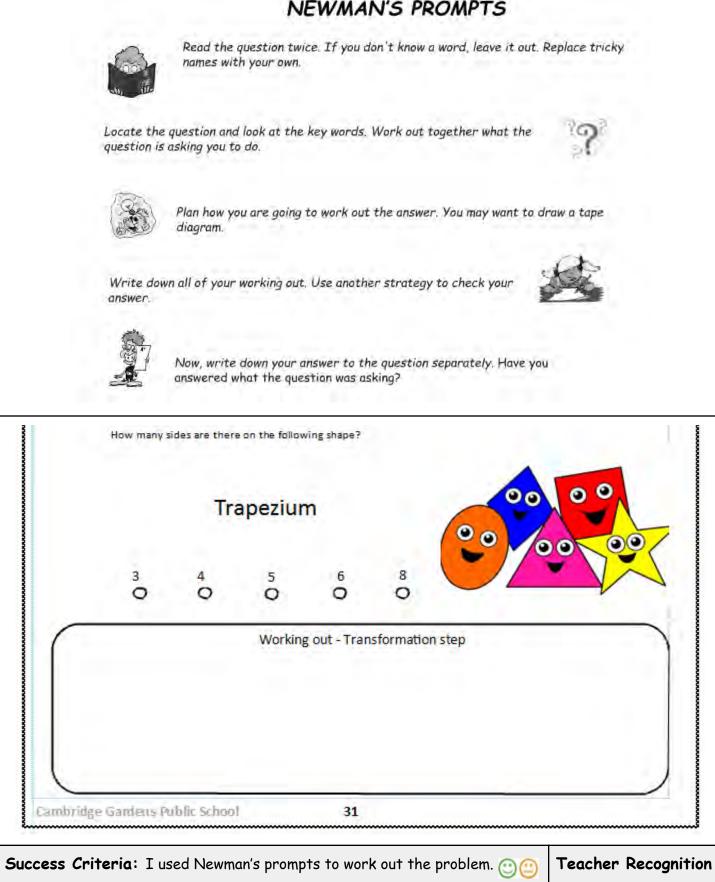
How will you make it? Put your steps in order.

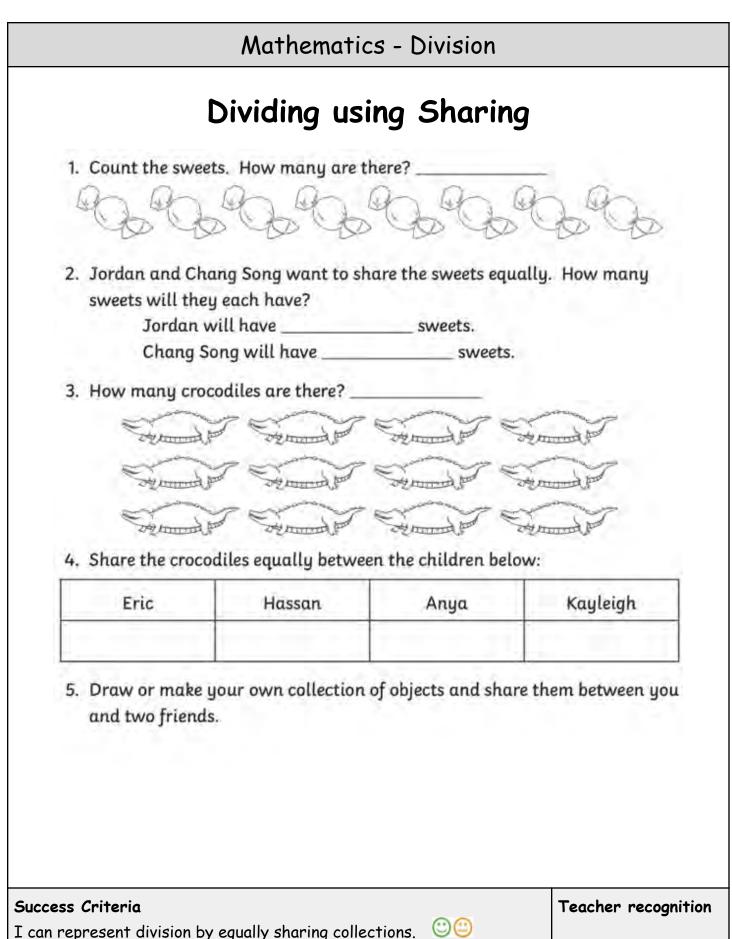
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Problem of the Day

NEWMAN'S PROMPTS





I can represent division by equally sharing collections.

Day 7 - Other KLA

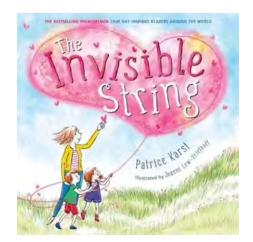
DEAR - Drop Everything And Read!

Choose a book of your choice to read for enjoyment (10 minutes)

Library



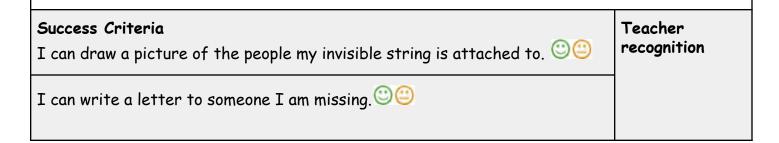
I watched Mrs Rau reading 'The Invisible String' on Google Classroom $\hfill \square$ tick

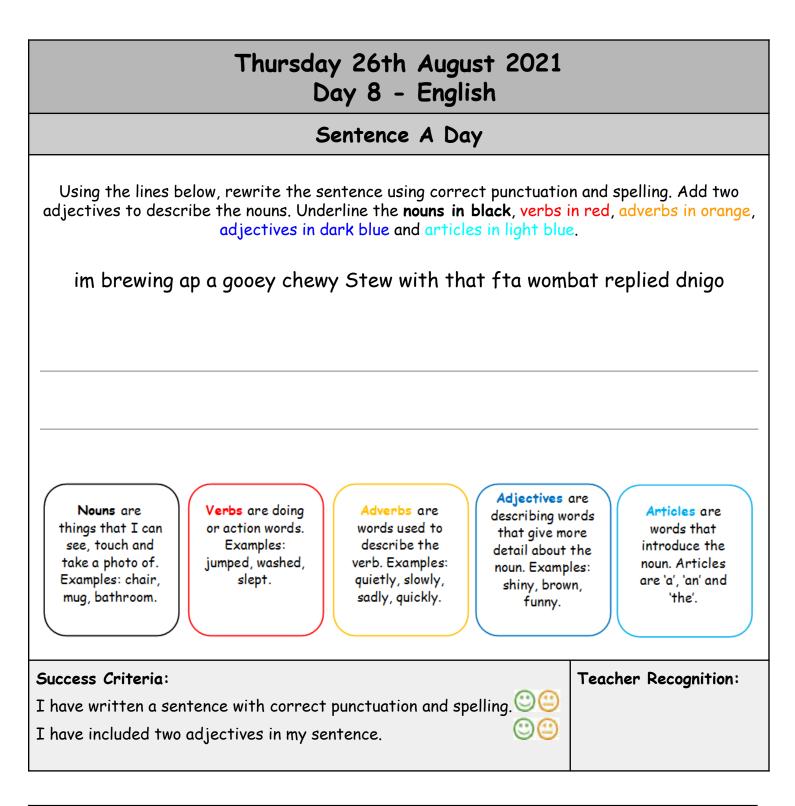


Head over to Google Classroom and watch Mrs Rau's video titled 'Library Lesson- The Invisible String". Today, you will listen to a story and draw the people your invisible string is attached to or write a letter to someone you are missing to brighten their day.

All you'll need for this activity is a piece of paper and coloured pencils!

Once you're finished, don't forget to <u>upload a photo of your picture onto Google</u> <u>Classroom</u> for everyone to check out.





Optional: Reading Eggs or Reading Eggspress							
Reading Eggs: Complete 15 minutes of Reading eggs Maps and Lessons. I completed 15 minutes of Reading Eggs. ^(C)	Reading Eggspress: Select the 'library' icon, choose a book to read and complete the quiz. Name of the book I read:						

Reading - Fluency							
Y Not	Head onto Reading Eggs, navigate to 'Library' and <u>search for one of these two</u> <u>texts to read.</u>						
and the	Today you will be engaging in some 'Fluency - Move and Groove' activities!						
What Do I Need?	Read your selected text once. Then, reread your text twice using the 'Voice of the Day' and 'Movement of the Day'.	Polar Bears					
Success Criteria: I can practise reading with flu	Teacher Recognition						

Voice of the Day!



Movement of the Day!



Writing - Procedure

Select one of the activities below to complete.

Search on YouTube 'Fruit Salad Recipe Video for Kids: Fruit Hedgehog' OR use the following link: https://www.youtube.com/watch?v=yxoItP-a5D0 Success Criteria: Activity A: I can use pictures or dramatic Using the above clip as inspiration, create your own fruit **movement** to show a sequence of hedgehog or a procedure of your choice on how to do or make something. steps. Take photos, draw pictures or act out your chosen procedure topic to a parent or sibling. Upload to Google Classroom. Success Criteria: Activity B: Using the above clip as inspiration, create your own fruit I have written at least three or hedgehog and write a procedure text or write your own procedure four sentences about how to do text on how to do or make something of your choice. Use the or make something. 'Informative Texts Procedure Planning Template' as a scaffold. I have used an **action verb** to Draw an illustration of each step along the way. Video or take begin each step. photos of yourself following your procedure and upload to Google Classroom! Success Criteria: Activity C: Using the above clip as inspiration, create your own fruit I have written at least five or hedgehog and write a procedure text or write your own procedure six sentences about how to do or text on how to do or make something of your choice. Remember to make something. include a Title, Equipment/Ingredients list and Steps/Method. I have included a heading and <u>Video or take photos of yourself following your procedure and</u> subheadings to organise my upload your final result to Google Classroom! writing.

Informative Texts - Procedure Planning Template	Informative	Texts - Procedu	re Planning	Template
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Name _____

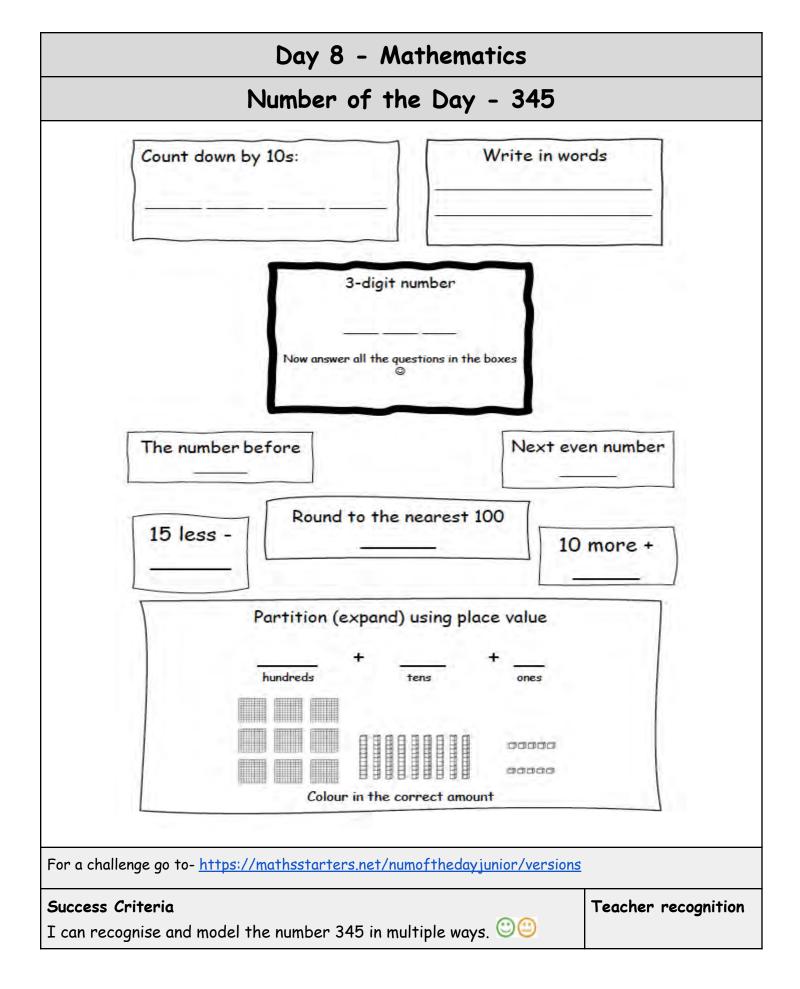
Date _____

Goal ___

Materials/Ingredients/Equipment (List the items that you need for your procedure.)

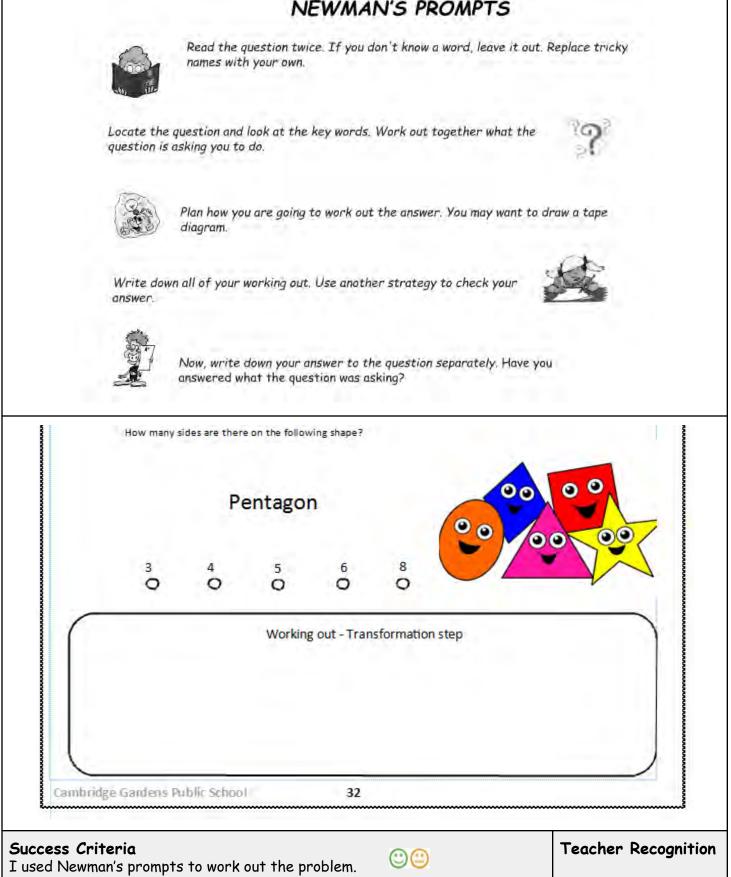
Steps (Write the steps of your procedure in sequential order.)

Illustration (Draw a visual representation of your procedure.)



Problem of the Day

NEWMAN'S PROMPTS



Mathematics - Division

Division Using Arrays

Write two division sentences for each array. The first one has been done for you.

CR CR CR	000	0.00	0:00	0-0-	000	00	0-0-	00000	2000
· · · · · · · · · · · · · · · · · · ·		4 = 3 3 = 4	****	CACOFORT	COCOCO	CALENDER	CACHCACA	0000000	0000000
000000	999999	666666	999996	20000			0010000 001000	CLAR. LARK	uuut uuut

Can you think of a different calculation and draw your own array?

Success Criteria

I can interpret arrays as an effective division strategy. 🙄 😀

Teacher recognition

Day 8 - Other KLA

D.E.A.R - Drop Everything And Read! - Choose a book of your choice to read for enjoyment (10 minutes)

Visual Arts- Father's Day Craft!

I followed Miss Mulock's drawing instructions on Google Classroom $\,$ tick $\,$ \square

Head over to Google Classroom and watch Miss Mulock's video titled, 'Father's Day Hand Craft'.

Today you will be creating an awesome Father's Day hand artwork for a very special male in your life.

All you will need for this activity is:

- two pieces of paper
- one lead pencil
- a rubber
- a glue stick
- some coloured pencils, crayons or textas
- and... YOUR hand!

Miss Mulock will be showing you how to make three different designs, you can always fast forward the video to the design that you want to create.

Success Criteria I can follow instructions to create a Father's Day hand artwork ©©

Friday 27th August 2021 Day 9 - English

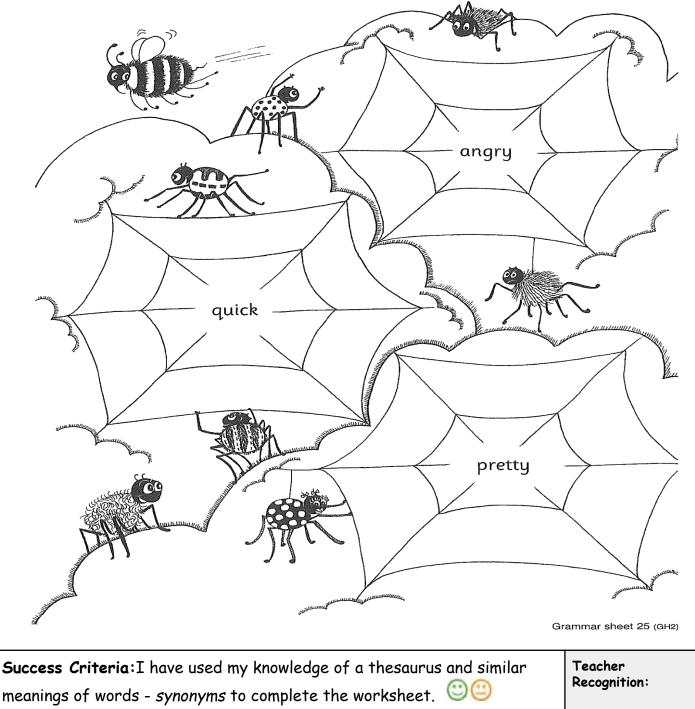
I watched Mrs Wrights 'Word Webs Grammar Video' on Google Classroom tick 🛛

Grammar - Complete the Word Webs grammar sheet

Write words in the Word Webs that have similar meanings - 'synonyms'. You can use a thesaurus to help you add words to the Word Web. Examples for 'angry': furious, annoyed

Word Webs

In the spaces of each word web, write words which could be used instead of the word in the middle.

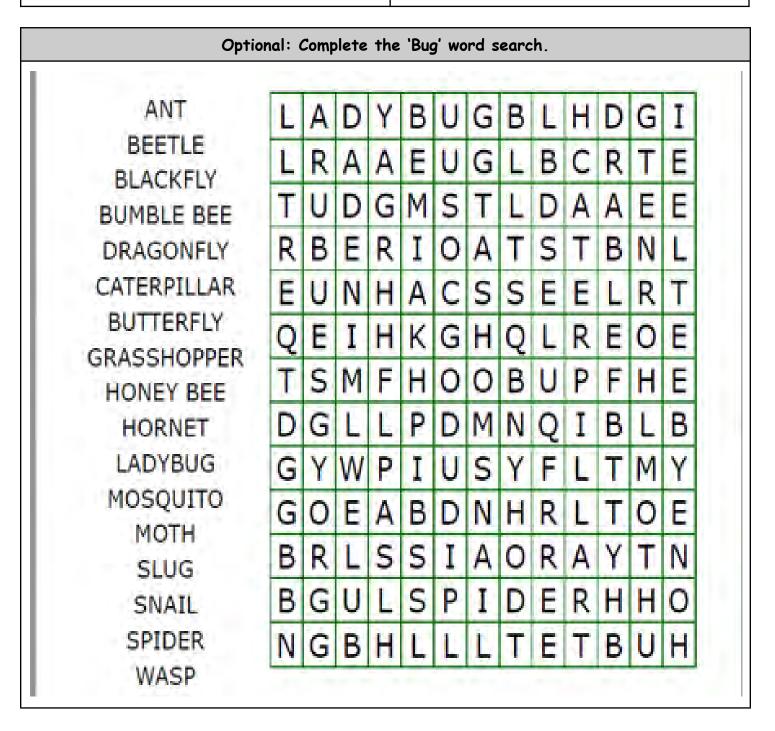


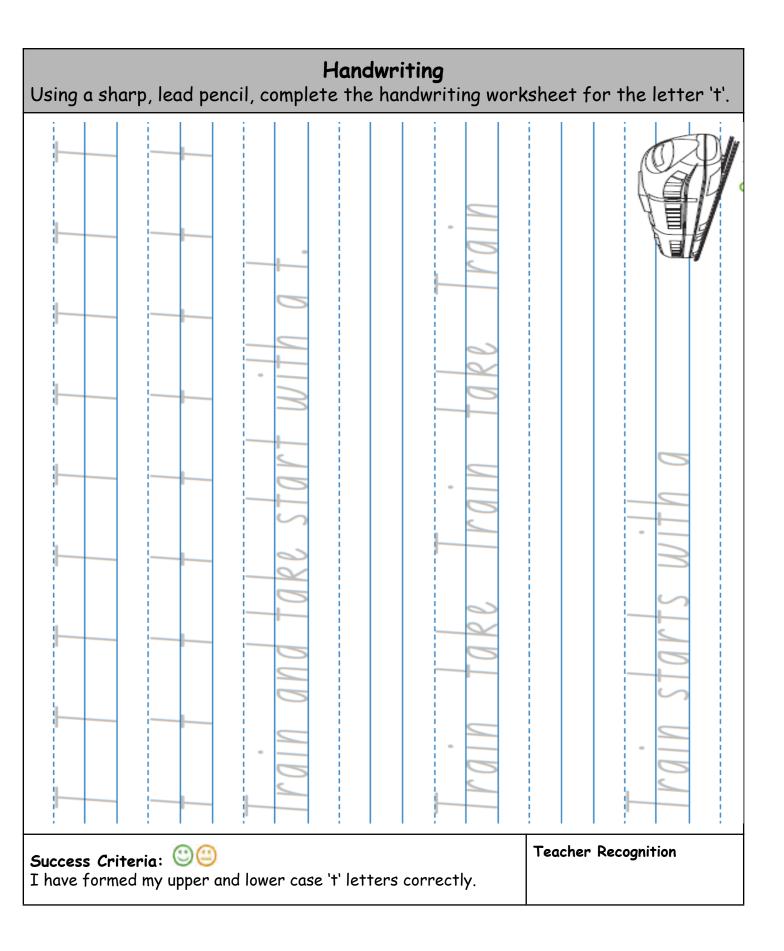
Optional: Reading Eggs or Reading Eggspress

Reading Eggs: Complete 15 minutes of Reading eggs Maps and Lessons.

Reading Eggspress: Select the "Stadium" icon and play a game. 🙂 😀

I completed 15 minutes of Reading Eggs. 🕮 😀





Reading - Fluency								
	Head onto Reading Eggs, navigate to 'Library' and <u>search for one of these two</u> <u>texts to read.</u>	~						
	Today you will be engaging in some 'Fluency - Move and Groove' activities!							
What Do I Need?	Read your selected text once. Then, reread your text twice using the 'Voice of the Day' and 'Movement of the Day'.	Polar Bears						
Success Criteria: I can	read with fluency.	Teacher Recognition						



Voice of the Day!

Movement of the Day!

Super Reader! Make a circle around your eyes with your fingers and read.

Writing - Free Writing

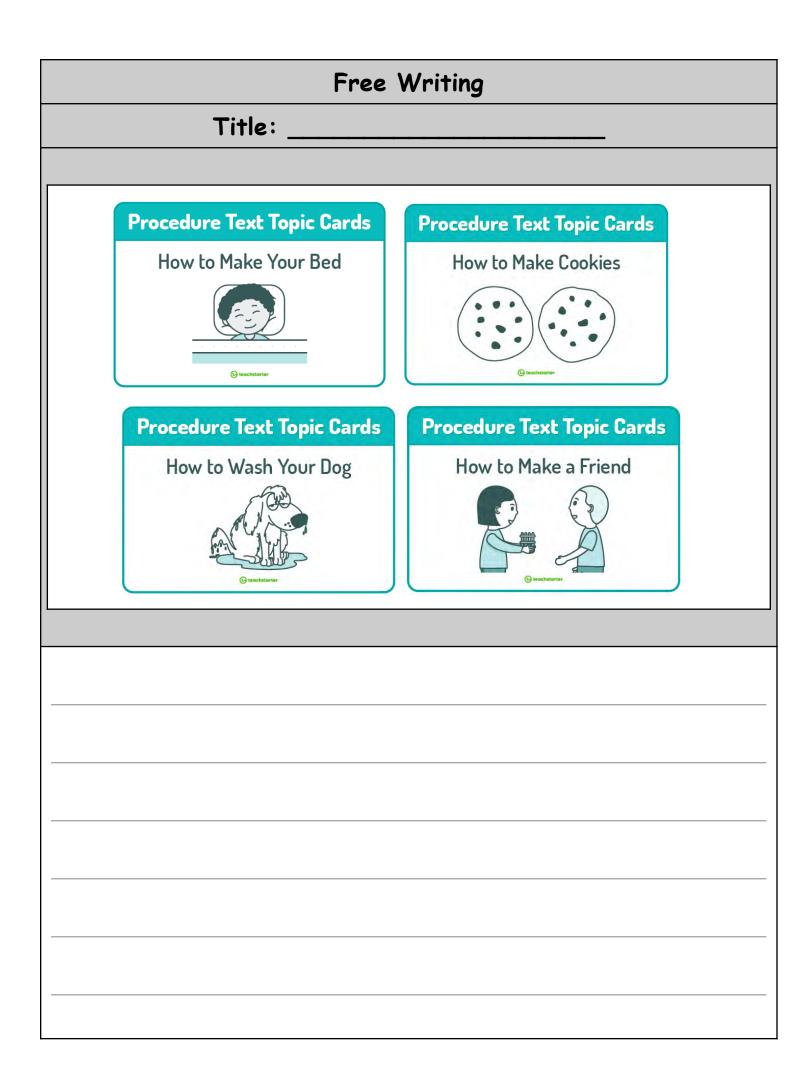


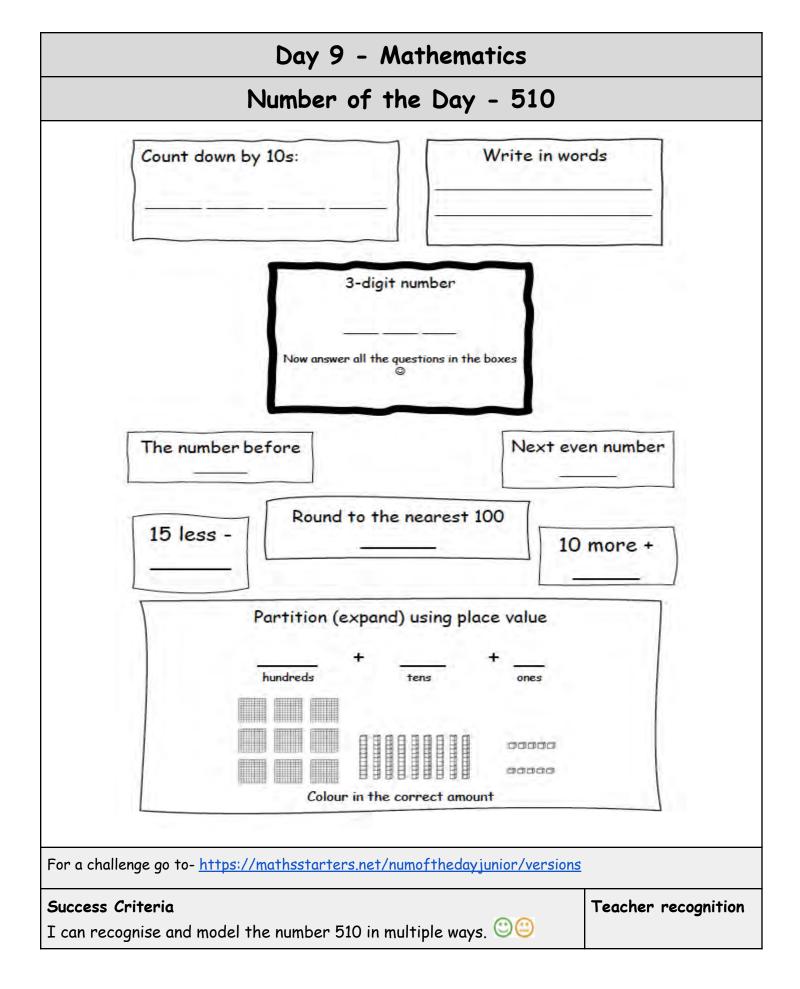
Select <u>one</u> of the activities below. Use the picture stimulus on the following page as ideas to write a procedure about how to do, build,

make or play something.



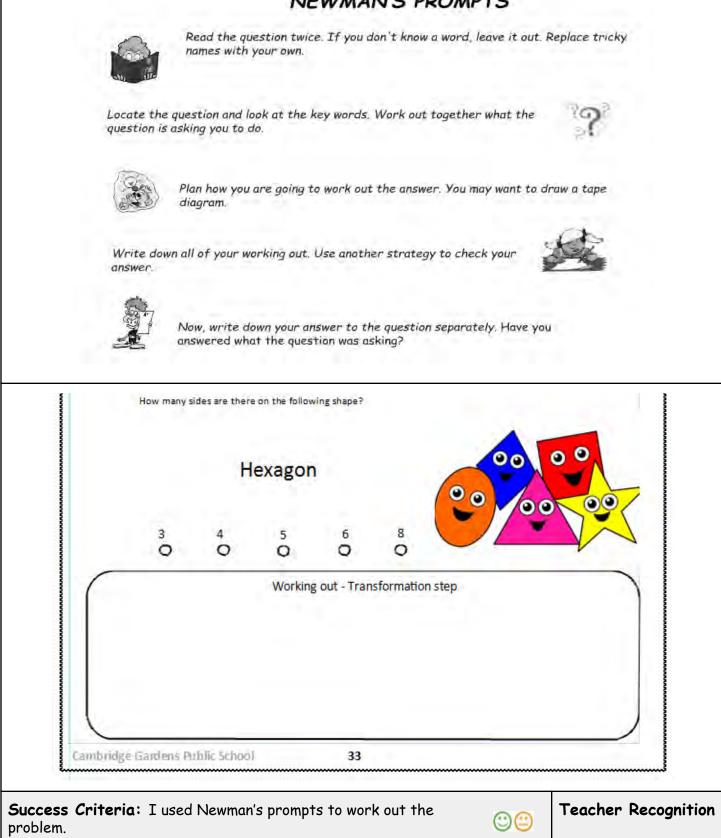
<u>Activity A</u> Write 2-3 sentences on a procedure topic of your choice.	I have written a t least 2 sentences that make sense.	90
Activity B Write 4-5 sentences on a procedure topic of your choice. Remember to use an action verb at the beginning of each step.	I can write 4-5 sentences that make sense. I can use an action verb at the beginning of each step in the method.	00
Activity C Use a title and subheadings to write a complete procedural text. Remember to use a range of common nouns, as well as action verbs and adverbs at the beginning of each step.	I can write at least 6-8 sentences that make sense. I can use the subheadings 'Equipment/Ingredients' and 'Steps/Method' to organise my writing into parag) (2) (1) (1) (1) (1) (1) (1) (1) (1) (1) (1

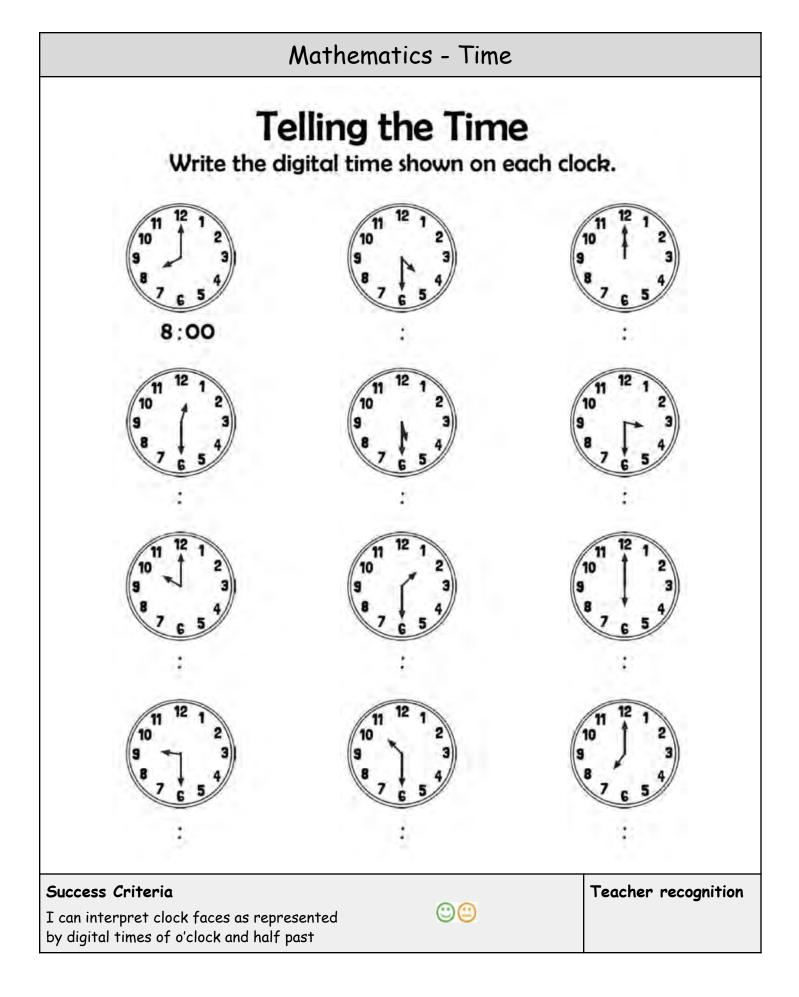




Problem of the Day

NEWMAN'S PROMPTS





Day 9 - Other KLA

DEAR - Drop Everything And Read!

Choose a book of your choice to read for enjoyment (10 minutes)

Wellbeing - The Paralympics



Paralympic athletes need to train very hard to reach their goals. They proudly represent their countries in a variety of sports. What strengths or characteristics do you think they need to achieve their goals? Choose an athlete or athletes and design a poster or do a report about them. Include what sport they do, how long they have done this sport, how long have they competed in it, how many hours a day do they need to train. Remember to list what strengths and characteristics they have. You might want to add what

their day would look like: time they get up, how much training do they do, what they eat, etc. You could also include what other sports are in the Paralympic Games.

Here are some resources that might help:

https://www.paralympic.org.au/athletes/

https://www.timeanddate.com/events/summer-paralympic-games.html

Once you have finished your poster/report you might like to share it in Google Classrooms

Success Criteria:		Teacher recognition
I thought of more than 6 characteristics.	© <u>©</u>	
I created a poster or report about my	\odot	
Paralympic Athlete		

Monday 30th August 2021 Day 10 – English									
Spelling Test									
	Success Criteria: I have u of Silent 'h' to spell the wo list.	00							
	Challenge words (optional):	Teacher Recognition:							
Score:/10									

Sentence A Day

Using the lines below, write your own interesting sentence today. You must include at least two nouns, one verb, one adverb, one conjunction and three adjectives. Underline the **nouns in black**, verbs in red, adverbs in orange, adjectives in dark blue conjunctions in purple and articles in light blue.

Success Criteria:	Teacher Recognition
I have written one interesting sentence that makes sense. $\textcircled{\bigcirc}{\bigcirc}{\bigcirc}{\bigcirc}{\bigcirc}{\bigcirc}{\bigcirc}{\bigcirc}{\bigcirc}{\bigcirc}{\bigcirc}{\bigcirc}{\bigcirc}{$	
I have included two nouns, one verb, one adverb, one conjunction and	
three adjectives in my sentence. 🙂 😐	

Optional: Reading Eggs or Reading Eggspress

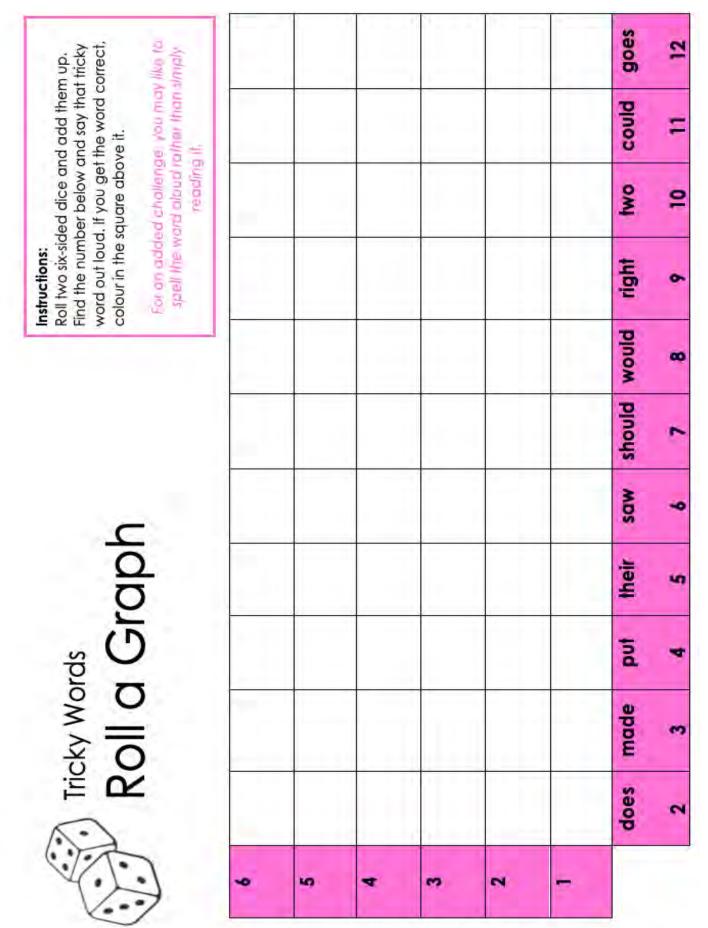
Reading Eggs: Complete 15 minutes of Reading eggs Maps and Lessons.

I completed 15 minutes of Reading Eggs. 😂 😀

Reading Eggspress: Select the "My Lessons' icon and complete the next lesson. Name of lesson I completed:

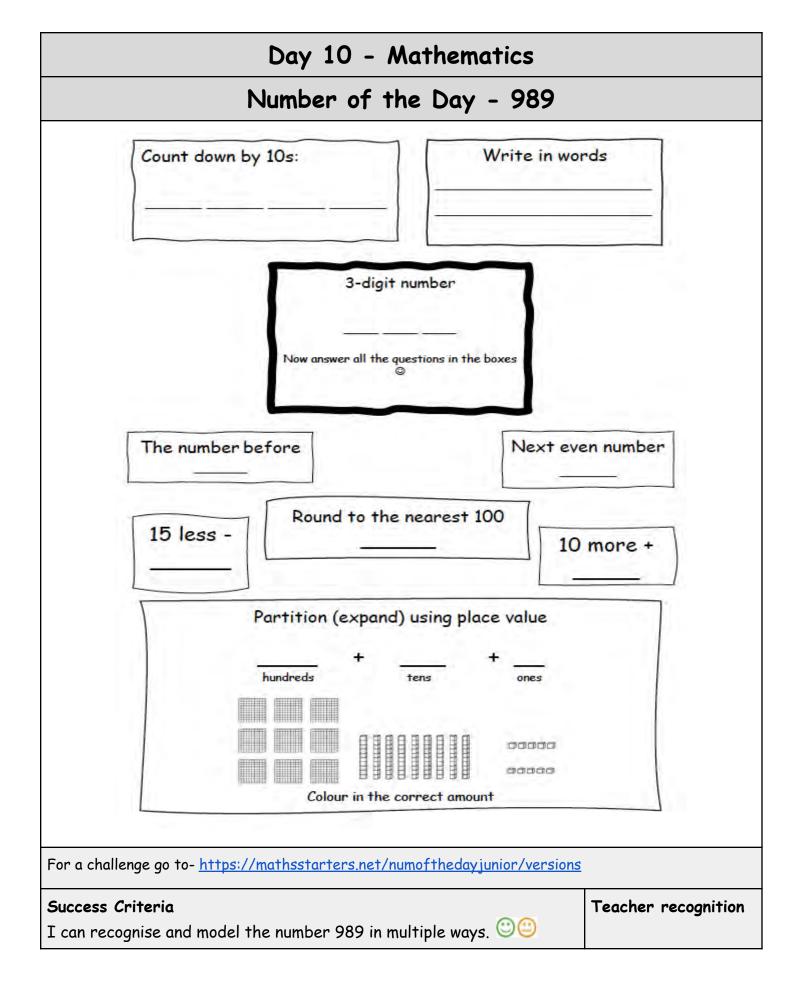
Writing: Recount Choose Activity A, B or C below. Write a recount about your weekend. Activity A Write 3-4 sentences about something you did. **Teacher Recognition** Success Criteria: \odot I can write 3-4 sentences that make sense. I can include three adjectives to make my recount interesting. ${}^{\textcircled{\odot}}{}^{\textcircled{\odot}}{}^{\textcircled{\odot}}$ \odot I can use capital letters and full stops correctly. Activity B Write about something that you did over the weekend. Connect your ideas using time-connective words such as 'Firstly', 'After that', 'Next' and 'Finally'. **Teacher Recognition** Success Criteria: (*)(*) I can write 6-8 sentences that make sense. I can include five adjectives to make my recount interesting. 🙂 😀 I can use time connectives to sequence my ideas. Activity C Write 3 to 4 paragraphs about your weekend with 2-3 sentences in each paragraph. Connect your paragraphs using time connective words such as 'Firstly', 'After that', 'Next' and 'Finally'. **Teacher Recognition** Success Criteria: I can use time connective words to sequence my ideas. I have grouped my ideas into 3-4 paragraphs.

Title:



Tricky Words - Roll a Graph

Number of times tricky word rolled and read correctly.



Problem of the Day

NEWMAN'S PROMPTS



Read the question twice. If you don't know a word, leave it out. Replace tricky names with your own.

Locate the question and look at the key words. Work out together what the question is asking you to do.





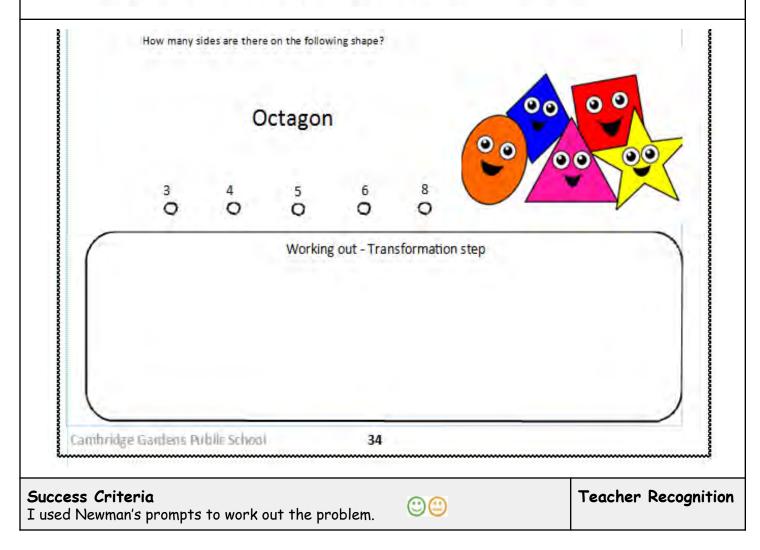
Plan how you are going to work out the answer. You may want to draw a tape diagram.

Write down all of your working out. Use another strategy to check your answer.





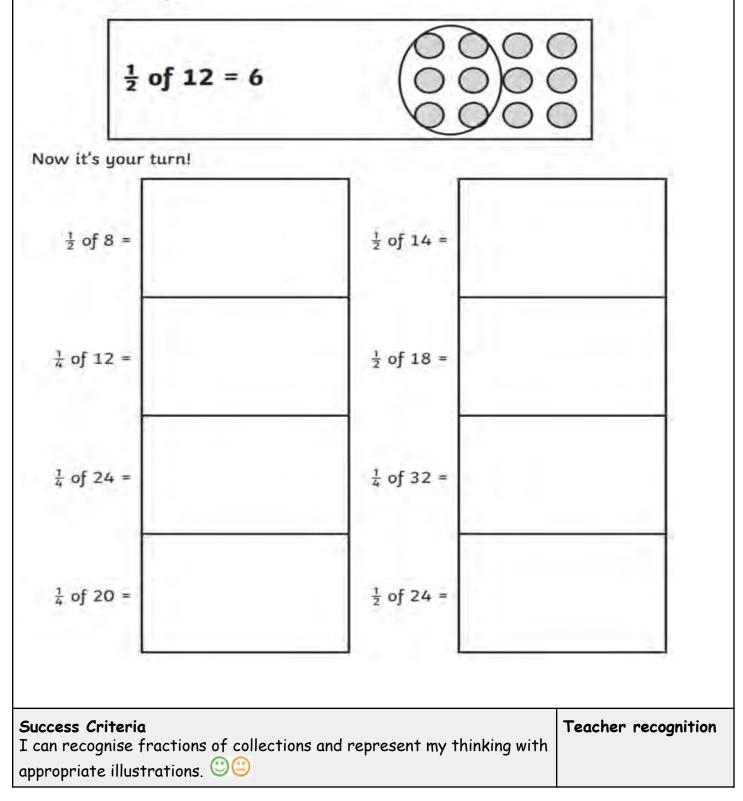
Now, write down your answer to the question separately. Have you answered what the question was asking?

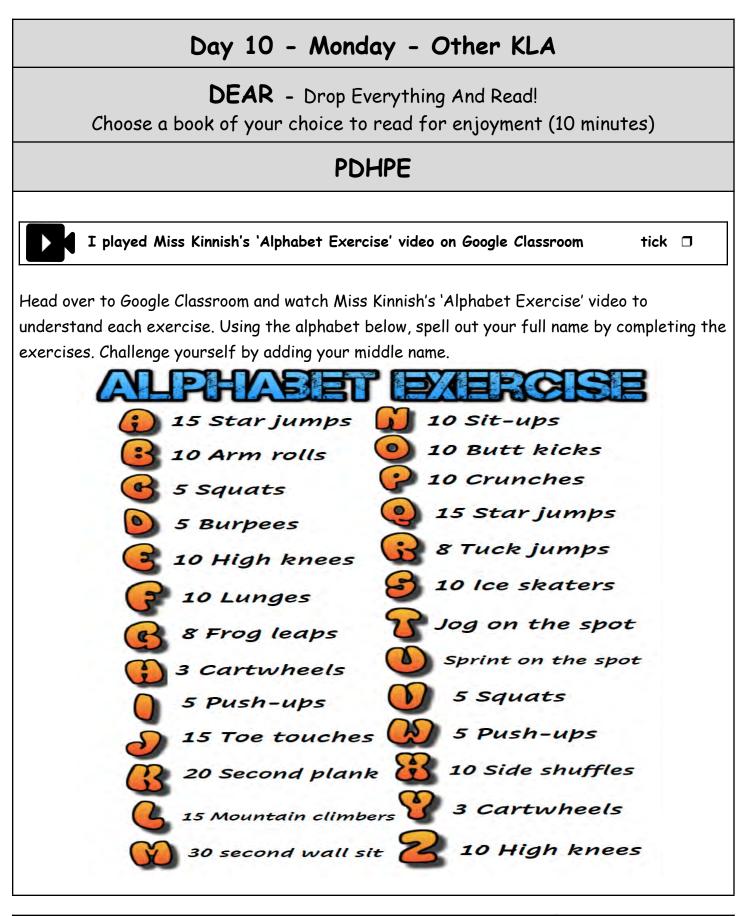


Mathematics - Fractions

Halves and Quarters Fractions

Find the fractions of these numbers. Draw pictures to show your thinking. Here is an example:





Success Criteria: I can spell out my name and complete the correct OOO

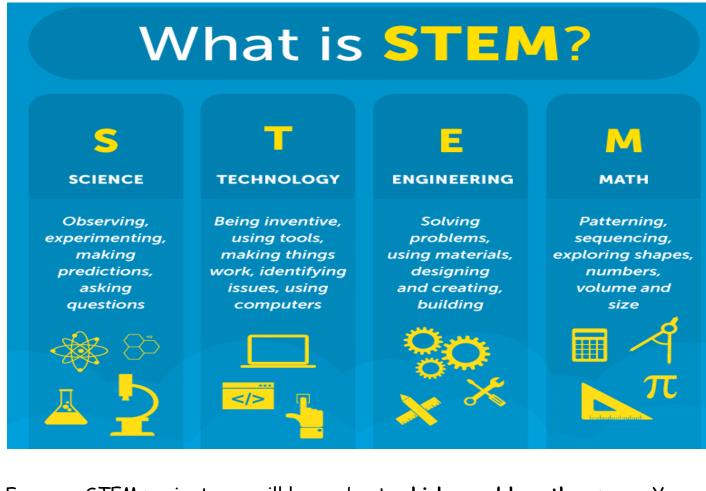
Day 11 - Tuesday 31/08/21

STEM

Today you will undertake a STEM project!

What is STEM?

STEM stands for science, technology, engineering, and mathematics. Within these learning areas, STEM cultivates critical thinking, problem solving and creativity.



For your STEM project, you will learn about **vehicles and how they move**. You will design your own vehicle that could be used to deliver a small parcel to a neighbour.

Listen to the following story:

The Most Magnificent Thing by Ashley Spires <u>https://www.youtube.com/watch?v=Sj6MAmeDh7k&ab_channel=ReadingRhinos</u>

After listening, think about the girl in the story. There is a difference between how the girl looks on the outside and how she feels on the inside.

How someone feels is on the inside and can't be seen. These are **emotions**. How someone acts can be seen in his or her personality. These are their **traits**. How someone looks can only be seen on the outside. This is their **appearance**.

Using the table on the next page, copy the words below that describe the girl's appearance, traits and emotions into the correct columns.

pigtails	happy	frustrated	hard- working
friendly	mad	persistent	inventive
loyal	two front teeth	brown hair	irritated
red dress	intelligent	smiling	freckles

Appearance	Traits	Emotions	, 1
Appearance		Emotions	
			Teachan
Success Criteria I can tell	the difference between some	one's appearance, traits and	Teacher recognition
emotions 凹 😐			

What have you made or designed?

In the story, 'The Most Magnificent Thing', the girl makes things:

'She knows just how it will look. She knows just how it will work. All she has to do is make it, and she makes things all the time. Easy-peasy!'

In the box below, draw a picture (diagram) of something that you have made. Finish the sentence by naming and describing what it was, then label the materials you used.

What I have made or designed			
This is my	It has		
It is made from			
iccess Criteria		e	Teacher Recognition
can draw and label a diagram			

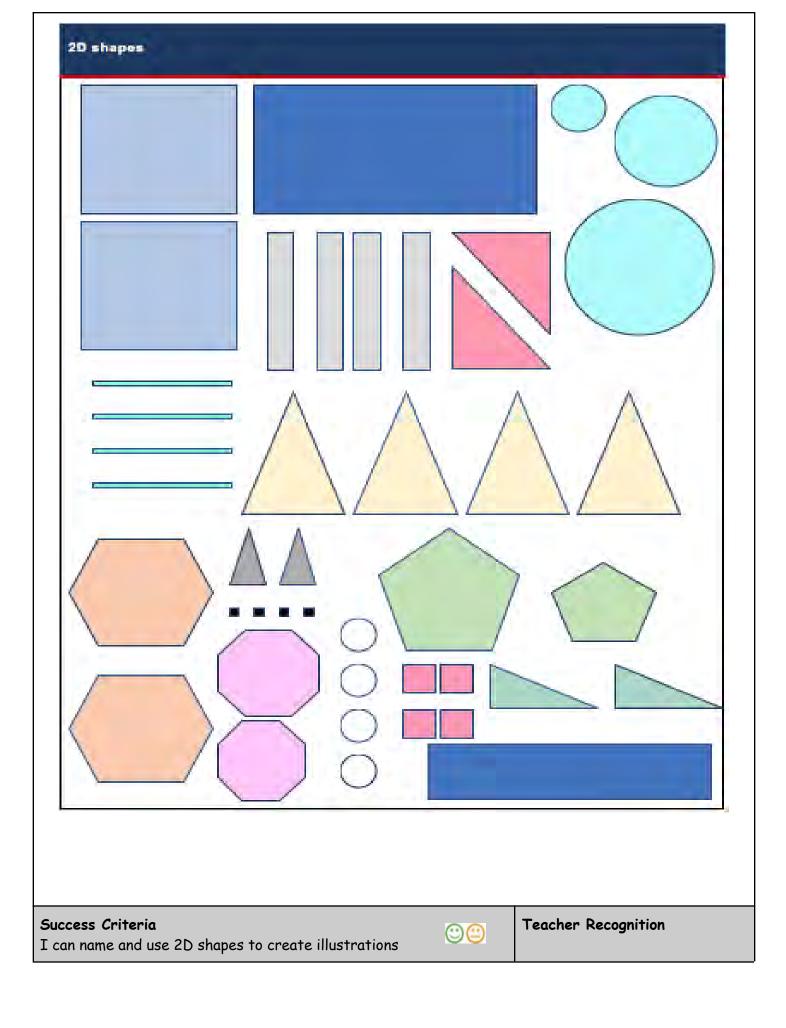
Using 2D shapes

Think about the illustrations in "The Most Magnificent Thing" (if you need to read the text again, follow the link above). What do you notice about the setting? What shapes can you see?

Now focus on the dog. What 2D shapes have been used for the ears, eyes, nose and mouth?

In the grid below, use the 2D shapes on the following page to create your own dog for the story. You can move shapes around, combine and layer shapes, and make them different sizes.

<u> </u>	 								



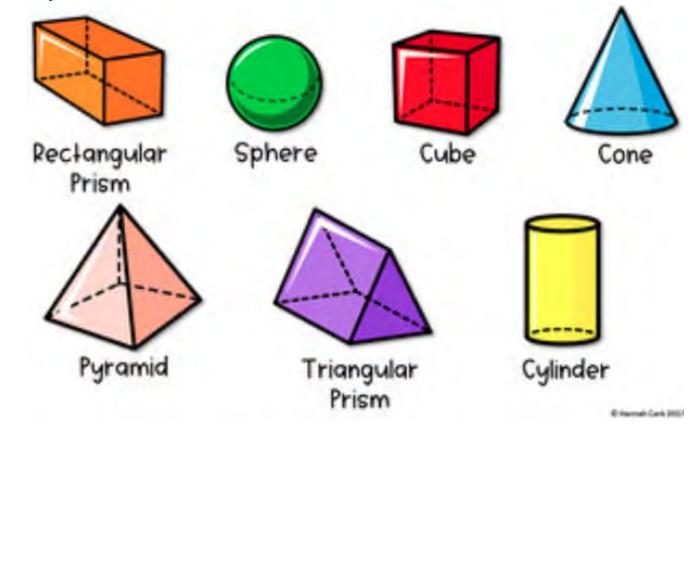
3D Objects

Think about the girl's inventions in 'The Most Magnificent Thing' (if you need to read the text again, follow the link above).

What can you tell about the shapes? Are they regular 3D objects? Why do you think the author has used such unusual shapes?

Using the reference pictures below, identify 3D objects around your home. Draw or take photograph of them to paste into the table on the following page.

3D Objects



Cones	Cylinders	Cubes	Prisms		Spheres
L	ļ	1			
Success Criteria				Teacher Re	cognition
Success Criteria (C) I can identify 3D objects					-

Now think back to your project task: You will design your own vehicle that could be used to deliver a small parcel to a neighbour.

Think about and research the following questions:

- What is a vehicle?
- What is a parcel?
- What does it mean to deliver a parcel? What could the parcel be?
- Where would the vehicle have to go to carry the parcel safely to your neighbour?

Knowing that your vehicle must move AND carry a parcel, quickly think of, draw and label **three different** designs for your vehicle below. Think about what shapes you might want to use and why they could be suitable.

ldea 1
ldea 2
ldea 3

You are now up to the final stage of your project - building a prototype of your vehicle!

Choose your best idea and use any materials you can find in your home such as cardboard boxes, paper, cylinders, tape, glue, pipe cleaners, materials, and empty bottles to create your vehicle. The most important thing to remember is that your vehicle **must move and carry a parcel**. Think of **2D shapes** and **3D objects** that could be useful for your design.

Don't forget to decorate your vehicle and upload a picture to Google Classroom!

My prototype

Draw an illustration or glue a photograph of your prototype here.

Success Criteria I can use 2D shapes and 3D objects to design, build and illustrate a vehicle



Teacher Recognition