Beecroft Primary School Year 6: Home-School Learning Menu for the Week Beginning Monday 18th January

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1. Organise a tidy space to work at home where you can spread your papers out and think carefully.

2. Look at the email at the top of the page. You can email me any work that you complete or send me any photographs of your work.
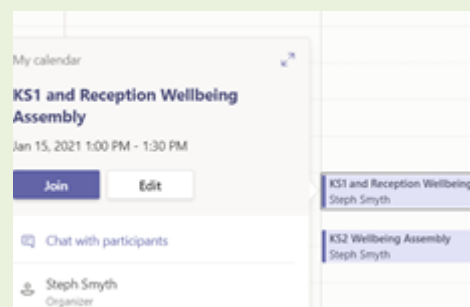
Live lessons:

Getting Organised Assembly on Monday at 9.45am and Wellbeing Assemblies on Friday at 1.45pm

Mrs Carter has added you to a new assembly group for your assemblies. Please make sure you're ready to log in on time and you are on mute.
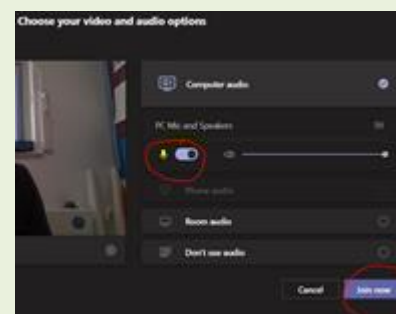
Click on calendar> click on the meeting > press join> swipe across to make sure your microphone is on mute> click join now.

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Weekly Maths Tasks	
Monday 18th	1. Ask your parent to mark your ten minute test A1. 2. This week complete ten minute test A2. 3. Watch the video https://whiterosemaths.com/homelearning/year-6/week-6-number-addition-subtraction-multiplication-division/ (top left video) 4. Complete page 18 – Long Division 1 Section B (A3 sheet contained in yellow folder brought home.) Set the calculations out beautifully in your maths book. These are the answers. Get your parents to check them once they are completed. 1. 153 r8 2. 122 r21 3. 240 4. 232 5. 165 r18 6. 140 7. 356 8. 330 r7 9. 221 r7 10. 176 r30 11. 348 12. 211 r32 13. 130 r6

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	14. 257 r12 **15. 164** **16. 373 r8** **17. 546** **18. £186** **19. 272**
Tuesday 19th	1. Watch the video https://whiterosemaths.com/homelearning/year-6/week-6-number-addition-subtraction-multiplication-division/ (top right video) 2. Complete page 18 – Long Division 1 Section C (A3 sheet contained in yellow folder brought home.) Set the calculations out beautifully in your maths book. These are tricky – see how many you can do in 30 minutes. These are the answers. Get your parents to check them once they are completed. 1. 1240 2. 436 r5 3. 325 r18 4. 2510 r24 5. 4702 r1 6. 3423 7. 429 r3 8. 662 r15 9. 2402 10. 316 r30

	11. 2726
	12. 3340 r28
	13. 1266 r15
	14. 2148 r24
	15. 4073
	16. 1629 r3
Wednesday 20th	<u>Maths warm up mental work</u> – Get a parent or sibling to ask you the questions. The answers are provided.
	Write the number one thousand and five in figures.
	A. 1005
	Four children share eighty pence equally. How much do they each get?
	A. 20p
	What is ninety-three multiplied by ten?
	A. 930
	In a survey, one half of people liked swimming. What percentage of people liked swimming?
	A. 50%
	What is forty-eight divided by six?
	A. 8
	A shop has a half price sale. A toy was nineteen pounds before the sale. How much is it in the sale?
	A. £9.50
	One third of a number is six. What is the number?

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A. 18

Write the number one and a half million in figures.

A. 1500000

What is ten percent of one hundred and sixty?

A. 16

What number is twelve less than one hundred and three?

A. 91

Write nine tenths as a decimal number?

A. 0.9

In a class of 46, twenty-seven are boys. How many are girls are there?

A. 19

What is four minus eight?

A. -4

What is the cost of four books at two pounds ninety-nine pence each?

A. £11.96

A bag of oranges costs one pound and forty-nine pence. How many bags could you buy with ten pounds?

A. 6

What is the remainder when seventy-seven is divided by five?

A. 2

Long division problems.

Log into TEAMS ON YOUR CHROMEBOOK. Find the assignments section and open 'Long Division Problems'. Complete the problems and

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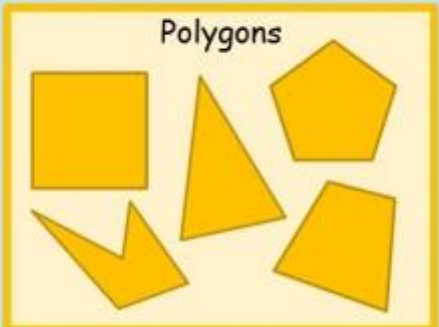
	mark them using the answers provided. Send me your work.
Thursday 21st	**2D shape: What is a polygon? Learn this definition.**

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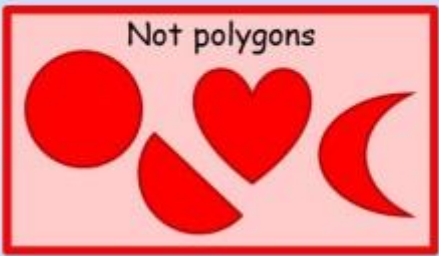Year6nb@beecroft.leeds.sch.uk

	How many sides does each polygon have? Test yourself on these facts:
	3 triangle
	3 equilateral triangle
	3 isosceles triangle
	3 scalene triangle
	4 quadrilateral
	4 kite
	4 inverted kite
	4 parallelogram
	4 trapezium
	4 square
	4 rhombus
	4 rectangle
	4 oblong
	5 pentagon
	6 hexagon
	7 heptagon
	8 octagon
	9 nonagon
	10 decagon

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	Can you remember what parallel and perpendicular lines are? Look in your little blue maths fact book to remind you.
	
	In your maths book use a pencil and ruler to:
	
	    1. Draw 2 shapes with 1 set of parallel sides
	
	    2. Draw 2 shapes with 2 sets of parallel sides
	
	    3. Draw 2 shapes with 1 set of parallel and 1 set of perpendicular sides
	
	    4. Draw 1 shape with 1 set of perpendicular sides
	
	Complete the Tarsia puzzle that is in your yellow paper folder that you collected from school. It is the sheet made up of lots of triangles with shapes inside them. Cut the triangles out and rearrange them so that the edges match - so that the 2d shape definition fits next to the picture of the shape. Stick the final version in your maths book – it will need a double page spread to have enough space for this. The answer to the puzzle is included in the pack if you need help.

Friday 22nd	Warm up: Look in the yellow folder and find 'maths revision sheets' pack (stapled together). Complete Sheet 7/ 2d shapes. Answers are at the back of the stapled maths pack so please ask an adult to check your work for you.. **To Compare and Classify Isosceles and Scalene Triangles** In this lesson, you will be revising the names of different types of triangles. We will be looking at what they have in common with each other and what makes them different. We will learn the properties of various types of triangles and use correct mathematical vocabulary to describe the features and properties of each. We will focus on scalene and isosceles triangles. https://classroom.thenational.academy/lessons/to-compare-and-classify-isosceles-and-scalene-triangles-chj62c **Log into TEAMS ON YOUR CHROMEBOOK. Find the assignments section and open 'Year 6 Triangles'. Complete the problems and mark them using the answers provided. Send me your work.**
	Remember to complete your ten minute test. Ask your parent to mark it. The answers are at the back of the book.
Weekly English Tasks	
Spellings / Grammar – Monday 18th	1. Practise last week's spellings – Homophones 1. 2. Watch the video about homophones https://classroom.thenational.academy/lessons/to-investigate-homophones-

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	6wuk6c?activity=video&step=1 Follow the instructions and learn the spellings given.
Spellings / Grammar – Tuesday 19th	1. Ask your parent to give you a spelling test on last week's spellings from Miss Brown – Homophones 1 sheet. 2. Watch the second video about homophones https://classroom.thenational.academy/lessons/to-practise-and-apply-knowledge-of-homophones-including-test-69hk0d 3. Find the Homophones 2 sheet in the yellow folder that you collected from school; these start with desert and finish with not. Make sure that you know the meanings of each word – if not, use an online dictionary to help you. Start to practise these words.
Spellings / Grammar – Wednesday 20th	1. Practise homophone 2 words. 2. Visit Education City – Year 6 English – writing - and play <u>Bad Hair Day – Homophones</u>. 3. Complete page 6 of SAT BUSTER Grammar 2 book – Pronouns.
Spellings / Grammar – Thursday 21st	1. Complete page 7 of SAT BUSTER Grammar 2 book – Pronouns. 2. Complete the Y3/4 Spelling crossword contained in the yellow folder collected from school. The answers are on the back – no cheating! 3. Log into **TEAMS ON YOUR CHROMEBOOK**. Find the assignments section and open 'plurals sorting'. This is revision of previous work covered in class. Sort the words in to the correct columns. Send me your completed sheet.
Spellings / Grammar – Friday 22nd	1. Complete page 8 of SAT BUSTER Grammar 2 book – Determiners. 2. Visit Education City – Year 6 English – writing – and play <u>Been There, Dune That - Homophones and words that are often confused</u>.
Reading General	1. Visit Audible https://stories.audible.com/start-listen All children's audiobooks are available for free while schools are closed. Registration is not required. 2. Visit https://explorer.theday.co.uk/?token=1e7bdec1795cb36fa02d1c57731cfe13 This is a free daily newspaper during the period that schools are closed. 3. Visit the Newsround website. Read at least 3 articles to find out what has been happening in the news this week.

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Reading task / Writing – Monday 18th	** You will find the book called Greenling by Levi Pinfold in your red folder collected from school. To engage with a text - In this lesson, we will analyse the opening pages of Greenling by Levi Pinfold. https://classroom.thenational.academy/lessons/to-engage-with-a-text-cnk3ed ** Type up your argument 'Is Winter The Best Season?' Log into **TEAMS ON YOUR CHROMEBOOK**. Find the assignments section and open 'Is Winter The Best Season?' Use this document to type up your argument. Remember to spell check your work, set it out in appropriate font size and put your name on the bottom of your work. Send me your completed sheet.
Reading task / Writing – Tuesday 19th	To analyse character - In this lesson, we will explore how the different characters react to Greenling. https://classroom.thenational.academy/lessons/to-analyse-character-6mw38d ** Type up your argument 'Is Winter The Best Season?' Log into **TEAMS ON YOUR CHROMEBOOK**. Find the assignments section and open 'Is Winter The Best Season?' Use this document to type up your argument. Remember to spell check your work, set it out in appropriate font size and put your name on the bottom of your work. Send me your completed sheet. (Due today).
Reading task / Writing – Wednesday 20th	To analyse a text - In this lesson, we will analyse how the people change their opinion of Greenling. https://classroom.thenational.academy/lessons/to-analyse-a-text-71j3ce
Reading task / Writing – Thursday 21st	To analyse themes - In this lesson, we will analyse the key themes in 'Greenling' by Levi Pinfold. https://classroom.thenational.academy/lessons/to-analyse-themes-6cr3ar
Reading task / Writing – Friday 22nd	To develop reading for pleasure through discussion of favourite characters - In this lesson, we will revise the meaning of empathy and genre. We will share recommended reads and character traits in order to describe a favourite character. https://classroom.thenational.academy/lessons/to-develop-reading-for-pleasure-through-discussion-of-favourite-characters-c8u68d
Other Subjects	
Science – Monday afternoon	What is reflection and how can we use it?

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	In this lesson, we will be learning about reflection! We will learn about reflective and non-reflective materials and their uses. Then we will look at two different types of reflection: specular and diffuse reflection. Then we will learn the law of reflection. For this lesson, you will need a pencil, a piece of paper and a ruler. https://classroom.thenational.academy/lessons/what-is-reflection-and-how-can-we-use-it-6mt3gd Task: write three ways that your shadow is different to your reflection.
Geography – Monday afternoon	Watch 'Trashing the deep' https://www.bbc.co.uk/teach/class-clips-video/science-ks2-trashing-the-deep/zjk3mfr 1. List the items that you see in the video that do not naturally occur in the sea. 2. Can you identify what they are made from and try to explain why there may be damage to the environment from them being there? 3. Make a poster or leaflet about responsible disposal of materials. Can you persuade people to behave more responsibly?
Music – Tuesday afternoon	1. Practise your instrument. 2. To explore changes in metre. In this lesson, you will warm-up by playing a game to the tune of 'My Bonnie Lies Over the Ocean'. Then, we will move to music in different metres, review rhythm notation and understand the purpose of bar lines. Are you up for the challenge of a body percussion piece where the metre changes? https://classroom.thenational.academy/lessons/to-explore-changes-in-metre-cnhk0c
History – Tuesday afternoon	Last week you were introduced to Parliament and the role of the House Of Commons and the House Of Lords. You may want to look through the slides again to revise how these two chambers are different – they are in week 1 resources in the home learning zone online. This week we are going to think about debates that take place in Parliament. 1. Watch the slide show called Debating. See home learning zone on the website. 2. You have just watched a debate in Parliament – make a list of the jobs that you saw people doing. What worked well in the debate? What did not work well? 3. What would you debate in Parliament if you were an MP and you could introduce a new law? Here are some possible ideas:

	• All school classes should have a pet so that children can learn about looking after animals • Every school should provide children with bikes and cycle training • School holidays should be longer • School holidays should be shorter • All pupils should be provided with tablet computers for use at school and at home • All pupils should be provided with virtual reality headsets to make learning more interesting **Plan a speech – how would you convince MPs to pass your new law?**
Design Technology – Engineering **ADULT HELP NEEDED PLEASE** **Wednesday afternoon**	SPAGHETTI BRIDGES <u>The brief</u> Construct a free-standing bridge out of spaghetti, strong enough to support a 250g bag of sugar. <u>Materials</u> Spaghetti Small rubber bands or bag ties Sticky tape 250g bag of sugar <u>The method</u> Think about bracing strands of spaghetti together for strength. Some shapes are better at absorbing loads – triangles are particularly strong. Rubber bands make for good junctions. <u>Top tips</u> Be patient. Through trial and error, you'll become proficient at working with spaghetti. Research the shape of different types of bridges to help you to find strong shapes - Beam bridge, Truss bridge, Cable stayed

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	bridge, Arch bridge, Suspension bridge and Cantilever bridge **How does it work?** Bridges manage two important forces: compression and tension – pushing and pulling. Too much of either and they buckle or snap.
P.E. – At least twice a week.	1. Joe Wicks PE workout on Mondays, Wednesdays and Fridays. The sessions will be broadcast live on his YouTube channel The Body Coach TV at 9am. 2. Can you complete the circuit with a partner, encouraging each other? https://www.youthsporttrust.org/sites/default/files/Healthy%20Hearts.pdf
Computing – Thursday afternoon	1. Practise your touch typing skills using BBC Dance Mat. https://www.bbc.co.uk/bitesize/topics/zf2f9j6/articles/z3c6tfr Learning to touch type is an essential skill to help you be able to type up your high school projects quickly. There are four levels to play, each divided into three stages. You start by learning the home row keys. Each stage builds on previous lessons, introducing new letters as you progress. You'll soon be touch typing like an expert! At the end of each level you can test your typing speed. 2. Visit Blockly https://blockly.games to practise your computer programming skills.
Art – Thursday and Friday afternoons	1. Packaging Design - Create an ideas sheet of packaging designs for a new invention. You may want to look at your ideas from last week or create a new invention. If you are stuck for ideas try to create packaging design ideas for a mug that holds biscuits. Think about the lettering, colours and information that need to go on the packaging. Have fun! 2. Last week we visited the Van Gogh Museum in Amsterdam to find the artist's paintings of irises. https://artsandculture.google.com/partner/van-gogh-museum?hl=en. This week we are going to look at his famous sunflower painting and his portraits. Visit the museum again. Can you find 'Self Portrait with Grey Felt Hat'? Use the tools to zoom in close to the artwork. Look carefully at the technique of painting that he used. How did he use his brush? Can you see how many shades of blue and grey he used to achieve this masterpiece? Now find 'Sunflowers'. Again, look closely. How many shades of cream, yellow and green did he use? 3. Now it's your turn to be creative. Visit https://www.tate.org.uk/kids/make/paint-draw/create-art-van-gogh Complete one of the three activities. Share you finished piece of work with me.
Well-Being Lesson	Live lesson with Mrs Carter.

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