The Grange Academy Home Learning

Violet Class

Look at the daily timetable and follow the activities that have been set for today by your teacher.

Please send your work/comments to us on tapestry/seesaw by Thursday 9am at the latest for us to have a look at.

Art

- The Dream
- Sketching a 3D shape

Geography

- What is a village, town and city?
- How do you know?
- What settlement do yo live in?
- What do you like and not like about your settlement?

Science

Living things and their habitats

- Observations of living things.
- Can plants move?

PE

Throwing and catching skills

Overarm throwing

RE

The Passover – What is a Passover seder plate?

Music

- Follow the music clapping along to the beat.
- Create your own musical instrument and play along – can you still follow the beat?

SMSC

Community – We have rights.

Computing

- Learning to use, navigate and edit an online e-book using readwriter.
- Continue creating your journey home book.

English

- Noun phrases
- Create a news report using verbs and past and present tense
- A diary entry using the conjunction but

Reading/ Phonics

- Verbs
- Suffixes - Adding – ed, –ing, –er and – est
- Myon Reading
- Mufaos Beautiful Daughter comprehension questions

Maths

- Using arrays
- 2,5 10 times table
- Arithmetic practice

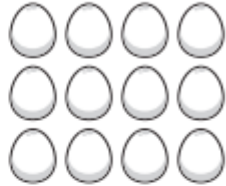|	**Monday** **Date 25th January**
Lesson 1	**Maths** - Follow the link below and click on lesson 1 – **Using arrays – Today you will learn how to relate arrays to a repeated addition sentence and multiplication sentence.** https://whiterosemaths.com/homelearning/year-2/spring-week-2-number-multiplication-and-division/ Worksheets are attached to the timetable for you to complete. Please complete these at the end of the video not when he says do question 1 or 2, this is just like we do in class. Don't worry if you can't do the challenge as the questions do get harder, just have a go at as many questions as you can. The answers for today will be on the sheet after tomorrows worksheets so you can check and blue pen.
Lesson 2	**English** – Watch the video on suffixes. https://www.bbc.co.uk/bitesize/articles/zp74vwx We have learnt about suffixes in class. A **suffix** is a letter or group of letters that goes on the **end** of a word and **changes** the word's **meaning.** Bear has been reflecting on his time in the city and has written a diary. *Dear Diary, what should I do? The city is prettier than I could ever imagine, but it isn't my home. I don't think there is any sense in carrying on if I'm not my happiest. I thought it would be easier to live away from my family, but even studying hasn't taken my mind off things. I've partied hard but I've cried my last tears. The time has come to return home. I'll be hurrying back in the morning. Your friend, Bear* Write out the letter in your neatest handwriting and highlight or underline the words that contain the suffixes -ed, -ing, -er and -est. Could you write a letter back to bear including some 'suffix words? As a challenge can you tell me what are the root words that you have used?
Lesson 3	**Phonics** – Write these verbs on a piece of scrap card or paper. Remember verbs are things we do. We are also going to look at the past tense, things that we did or have done in the past – we have also looked at this in class. The words are: *look laugh help shout jump wash run* Ask a grown up to hide the words around your house or garden – no looking! Now go on a phonics verb hunt. Maybe they will give you a clue if you are close to the words or not! When you find one, you must **say it** in a sentence but in the **past tense**. So if you found the verb **look,** you first have to change the word into the past tense – look becomes looked. An example would be: *Yesterday I looked over the fence at my neighbour.* Then write your sentence down on paper or if you have some you could write it in chalk outside. You can either speak the sentences to me and send me a voice note or send me a picture of your lovely sentences. There are 7 verbs to find.
Lesson 4	**Science** – Observations of living things. This week we are looking at plants and investigating a question. Can plants move? Today your lesson is on a PDF attached to your timetable and when asked watch the clip http://www.planet-science.com/categories/under-11s/our-world/2012/03/watch-out,-plants-are-on-the-move!.aspx . On the PDF you will be asked a few questions to think about, read a little bit of information, watch a video clip and then complete an observational investigation and conclude your findings at the end of the week. The investigation form will need to be updated each day with what you see. You can use what I have provided or copy it out yourself onto a piece of paper.
Extra links for today	https://play.numbots.com/#/account/school-login/276 **Myon** – Read a book(s) of your choice and answer the quiz.

Using arrays

1 a) How many eggs are there?

☐ + ☐ + ☐ = ☐

☐ × ☐ = ☐

b) How many tyres are there in the array?

PIT STOP

☐ + ☐ + ☐ + ☐ + ☐ + ☐ = ☐

☐ × ☐ = ☐
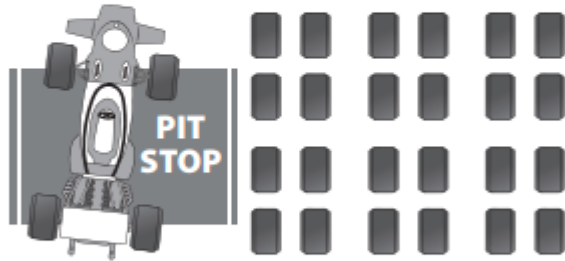
There are ☐ tyres in the array.

146

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2 a) Write an addition and a multiplication for this array.

☐ + ☐ + ☐ + ☐ = ☐

☐ × ☐ = ☐

b) Write two multiplications for this array.

☐ × ☐ = ☐

☐ × ☐ = ☐

3 Show these multiplications on the grids in two ways

2×7 5×4 4×5 1×4

147

4 True or false?

	True	False
$5 \times 4 = 4 \times 5$	☐	☐
$10 \times 3 = 2 \times 10$	☐	☐

5 Draw dots in an array to match each calculation.

CHALLENGE

3×3 4×4 5×5

What shapes do you notice?

Can you predict how many dots would be in 10×10?

_____

Reflect

Will everyone's array for 2×7 look the same?

Explain your answer.

_____
_____
_____

	Tuesday Date 26th January
Lesson 1	**Maths** - Follow the link below and click on lesson 3 – **2 times table – Today you will learn the 2 times table. They will work out 2 times table multiplication sentences and compare them using < and >** https://whiterosemaths.com/homelearning/year-2/spring-week-2-number-multiplication-and-division/ Worksheets are attached to the timetable for you to complete. Please complete these at the end of the video not when he says do question 1 or 2 like we do in class. Don't worry if you can't do the challenge as the questions do get harder, just have a go at as many questions as you can. The answers for today will be on the sheet after tomorrows worksheets so you can check and blue pen.
Lesson 2	**English** - Download the lesson video which is attached to the timetable and follow the instructions - **The Bear and the Piano** Today you are going to write a series of noun phrases. The lesson video will explain what a noun phrase is and how you are going to use them in your writing today. An example of a noun phrase would be *'the black dog'*. A noun phrase includes a **noun** as well as an **adjective** that's describes it. In my example. The **noun** is the **dog** and the **adjective** is the word **black**. For a challenge today when you do your writing see if you can use words suffixed with –ment and -ness.
Lesson 3	**Phonics** – With your parents' permission and help, have a look in your food cupboard. What words can you find on different packaging that have these suffix endings. -ed, -ing, -er and -est. find 8 words you are a phonics star, find 12 words you are a phonics superstar – which are you today? Remember we looked at suffixes yesterday in your English lesson so if you can't remember what a suffix is look back at your learning from yesterday or watch the video again.
Lesson 4	**PE –** This week Miss Harrison would like you to concentrate on improving your overarm throwing skills. Follow the instructions on the attached link and then upload a video or a picture on seesaw for Miss Harrison to see how you are doing. Overarm throwing (Includes warm-up) https://www.youtube.com/watch?v=_jAdCp1bf0U&t=586
Extra links for today	https://play.numbots.com/#/account/school-login/276 **Myon** – Read a book(s) of your choice and answer the quiz.

2 a)

$3 \times 2 = \boxed{}$

b) 2 more people arrive.

$\boxed{} \times 2 = \boxed{}$

Now there are $\boxed{}$ people.

3 Match the multiplication to the correct circle.

3×2

7×2

10×2

9×2

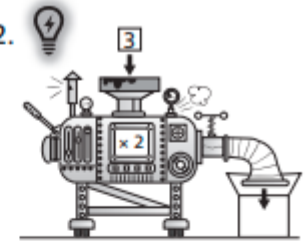0×2

5×2

<10

>10

I think one of them can't match. I wonder why.

150

4 This machine multiplies by 2.
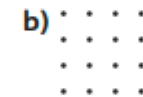
The number 3 is put into the machine.

The answer is then put back into the machine.

What number comes out at the end?

5 Group these dots into twos. Complete the number sentences.

CHALLENGE

a)

$8 \times 3 = \boxed{} \times 2$

b)

$4 \times 4 = \boxed{} \times 2$

Reflect

Show that 6×2 is 12 in more than two ways.

Answers for Mondays worksheets

Using arrays ➜ pages 146– 148

1. a) 4 + 4 + 4 = 12 3 × 4 = 12 b) 4 + 4 + 4 + 4 + 4 + 4 = 24 6 × 4 = 24. There are 24 tyres in the array.

2. a) 3 + 3 + 3 + 3 = 12 4 × 3 = 12 b) 10 × 2 = 20 2 × 10 = 20

3. Children will have drawn arrays as follows: 2 × 7: 2 rows and 7 columns, 2 columns and 7 rows 5 × 4: 5 rows and 4 columns, 4 columns and 5 rows 4 × 5: 4 rows and 5 columns, 5 columns and 4 rows 1 × 4: 1 row and 4 columns, 4 columns and 1 row 2 × 7 5 × 4 4 × 5 1 × 4

4. True, False

5. Children should have noticed that the 3 × 3, 4 × 4 and 5 × 5 arrays are squares. There will be 100 dots in a 10 × 10 array.

Reflect Children should have appreciated that not all 2 × 7 arrays will look the same but that they will all share some common features. Similarities: The arrays will all show 2 equal groups of objects in a line such that each group contains 7 objects. Differences: Different arrays are likely to contain different objects. They are likely to have different dimensions and may be oriented in a different way

	Wednesday **Date 27th January**
Lesson 1	**Maths** - Follow the link below and click on lesson 4 – **5 times table – today you will learn the 5 times table. You will work out 5 times table multiplication sentences using arrays, number lines and pictorial representations.** https://whiterosemaths.com/homelearning/year-2/spring-week-2-number-multiplication-and-division/ Worksheets are attached after your timetable for you to complete. Please complete these at the end of the video not when he says do question 1 or 2 like we do in class. Don't worry if you can't do the challenge as the questions do get harder, just have a go at as many questions as you can. The answers for today will be on the sheet after tomorrows worksheets so you can check and blue pen.
Lesson 2	**English** - Download the lesson video attached and follow the instructions - **The Bear and the Piano** Today you will create a short news-report using a verb bank which you will collate in the lesson. You will sort these verbs into **past** and **present** tense (we have looked at this in school), the teacher will help you so don't worry. An example of some sentences you might create today would be: *Yesterday the Bear **performed** to a sellout hall. Tonight he will **perform** again. We **interviewed** the bear and he said he will **record** an album soon.*
Lesson 3	**Phonics** Listen to today's Newsround https://www.bbc.co.uk/newsround/news/watch_newsround Listen carefully, can you decide on three challenging and interesting words that you heard and that you would like to learn how to spell. Use an online dictionary such as this one: https://kids.britannica.com/kids/browse/dictionary to find the correct spellings and practise each word at least five times with different colours or different styles of writing. If you have any you could write in chalk on the ground, with a wet paintbrush on a wall and in the mud but always ask permission from your parents to do this! Now as a challenge can you put these challenging and interesting words into sentences? I can't wait to see what words you have chosen.
Lesson 4	**Computing** – Log on to write reader and continue to create your digital story. **https://app.writereader.com/login** Your user name is your **first name** and your class code is **mdmi**. Find your book from last week and continue to edit. Use your English learning from The journey Home and copy your facts for your next animal into your e-book. I have started a book on the shelf for you as an example https://app.writereader.com/library/book/bc49aec8-6ebf-41ad-a76b-1f57010665f1 . You can use picture or record yourself to add more interest, your book must have a front cover and facts inside for each animal. I will have a look on Friday at our book shelf to see how you got along. You don't have to complete the whole book just one animal this week then next week we will add the next animal
Extra links for today	**Music** – This week I would like you to look at the following link. Lion sleeps tonight https://youtu.be/kvnxdHq6HEg as a challenge The Can Can https://youtu.be/x-YtK_EvmiY You may recognise the music from our lessons in school. Watch the ball and clap along to the rhythm. Remember only clap on the bounce. To help us with our music lessons going forward we would like you to have a go at making your own musical instrument. I have put some videos below of ideas of how to make an instrument. You could make a shaker or a drum as an example, using lots of recycled materials you may find around your house. Send me a picture of the instrument you have made and it would be even better if you could video yourself playing along to the music with your own instrument. I can't wait to show Miss Foster what you have learnt to do this week. https://www.youtube.com/watch?v=FRGnKkoEOzQ https://www.youtube.com/watch?v=0NHM5JtacKU

5 times-table

1

How many 🎈 are there?

$\boxed{} \times 5 = \boxed{}$

2

How many ⭐ can you see?

$\boxed{} \times \boxed{} = \boxed{}$

3 Complete the number sentence.

?								
5	5	5	5	5	5	5	5	5

$\boxed{} \bigcirc \boxed{} = \boxed{}$

152

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4 Each 🏺 has five flowers.

How many flowers in five 🏺?

$\boxed{} \bigcirc \boxed{} \bigcirc \boxed{}$

5 Complete the number sentences.

a) $\boxed{} = 2 \times 5$

b) $5 \times 5 = \boxed{}$

c) $6 \times 5 = \boxed{}$

d) $5 \times 7 = \boxed{}$

e) $\boxed{} = 0 \times 5$

f) $5 \times 11 = \boxed{}$

6 $19 \times 5 = 95.$

What is 20×5?

How do you know?

_____

_____

153

7

CHALLENGE

There are eight coins. Each is a 5p or 10p coin.

How much could there be?

How many answers can you find?

Reflect

I know 6 × 5 = 30. This means I can quickly work out _____ because

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Answers for Tuesdays worksheets

2 times-table ➜ pages 149–151

1. a) 5 × 2 = 10 There are 10 gloves. b) 7 × 2 = 14 There are 14 shoes.

2. a) 3 × 2 = 6 b) 4 × 2 = 8. Now there are 8 people.

3. Children should have matched the multiplications as follows: 10: 7 × 2, 10 × 2, 9 × 2 5 × 2 does not match to either circle because 5 × 2 is equal to 10.
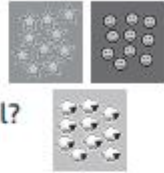
4. 3 × 2 = 6 6 × 2 = 12

5. a) 8 × 3 = 12 × 2 b) 4 × 4 = 8 × 2

Reflect Children could show 6 × 2 is 12 in many different ways, e.g. by drawing a 6 × 2 array by writing 2 + 2 + 2 + 2 + 2 + 2 = 12 by making 6 jumps of 2 along a number line by drawing 6 groups of 2 objects such as 6 pairs of socks

	Thursday **Date 28ᵗʰ January**
Lesson 1	**Maths** - Follow the link below and click on lesson 5 – **10 times table – Today you will learn the 10 times table. You will make links to place value and you will order, compare and reason about sentences involving x10.** https://whiterosemaths.com/homelearning/year-2/spring-week-2-number-multiplication-and-division/ Worksheets are attached after your timetable for you to complete. Please complete these at the end of the video not when he says do question 1 or 2 like we do in class. Don't worry if you can't do the challenge as the questions do get harder, just have a go at as many questions as you can. The answers for today will be on the sheet after tomorrows worksheets so you can check and blue pen.
Lesson 2	**English** - Download the lesson video attached to the timetable and follow the instructions - **The Bear and the Piano** In this lesson you will revisit the past and present tense and you will have a think about how the bear was feeling at this point in the story. You will be asked to write a diary entry as the bear by the end of the lesson, the teacher will help you with how to lay this out – if you have a diary book you may want to use this today. You are also going to use the conjunction **but** in your writing today and write some questions. An example of how you would use but would be: *I feel so proud of all that I've done but I miss my home so much!* As a challenge can you use and spell any contractions correctly? One example would be **I've** instead of **I have**.
Lesson 3	**Phonics** - Challenge yourself today. Write these –ing words onto scrap paper or card: sliding running jumping rolling skipping riding climbing hopping are there anymore you could add to the list? Turn over the pieces of paper and mix them up. Select at random a piece of paper and turn it over. **Read** out loud the word, **spelling** the word out loud, **write** the word in a sentence, follow the **action** of the word. You can make any variation of this game that you would like to I would love to hear what you did. Send me a video or a picture.
Lesson 4	**Geography -** I know what a village, town and city it and can say why. I can tell you what I like and do not like about the place I live in using geographical language. Watch the video: https://www.bbc.co.uk/teach/class-clips-video/geography-ks1--ks2-cities-towns-villages/zjn492p What type of settlement is Runcorn? Maybe you could go for a local walk and explore our local area. Maybe you could go to a place you haven't explored before. Maybe the castle or the canal or the Town Hall. You could take some pictures to help with your writing and then we will be able to use them in our comparison with somewhere in Africa. Here are some questions to help you today. What are the key features of a village? What are the key features of a town? What are the key features of a city? Do we live in a city, a town or a village? How do you know and can you give me some examples from our environment? What do you like and not like about the settlement that you live in?
Extra links for today	**Art -** This is The Dream in St Helens https://www.youtube.com/watch?v=onZCRc9JfcI T Then watch Art and Design Tone 1: 3D Pencil Drawings KS1 Y2	Kapow Primary showing you how to sketch in pencil to show a 3D shape Art and Design Tone 1: 3D Pencil Drawings KS1 Y2	Kapow Primary Have a go at drawing the picture in the video. Challenge, can you look up a picture of The Dream to sketch?

10 times-table

1 **a)** There are 3 pages of stickers.
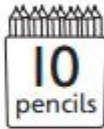There are 10 stickers on each page.

How many stickers are there in total?

$\boxed{} \times \boxed{} = \boxed{}$

There are $\boxed{}$ stickers in total.

b) How many pencils are there in 6 boxes?

$\boxed{} \times \boxed{} = \boxed{}$

There are $\boxed{}$ pencils in 6 boxes.

10 pencils

2 **a)** How many ⬦ are there?
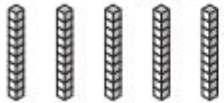
$\boxed{} \times 10 = \boxed{}$

b) Complete the number sentence.

?			
10	10	10	10

$\boxed{} \bigcirc \boxed{} = \boxed{}$

155

3 Compare each calculation using <, > or =.

a) $3 \times 5 \bigcirc 4 \times 10$ **c)** $5 \times 5 \bigcirc 2 \times 10$

b) $10 \times 3 \bigcirc 5 \times 6$ **d)** $5 \times 4 \bigcirc 3 \times 10$

4 Put these cards in order from smallest to largest.

3×5	_____
10×9	_____
1×10	_____
5×5	_____
2×6	_____
4×10	_____
10×2	_____
5×3	_____
2×8	_____

156

5 Complete each number sentence using these cards.

CHALLENGE

| 0 | 2 | 3 | 4 |

a) $5 \times \boxed{} = \boxed{} \times 10$

b) $\boxed{} \times 10 > 3 \times 5$

c) $\boxed{} \times 3 > \boxed{} \times 10$

d) $\boxed{} \times 10 < \boxed{} \times \boxed{}$

Reflect

Which of these numbers is not in the 10 times-table?

50, 15, 75, 70, 90, 100, 99

How do you know?

Answers for Wednesday worksheets

5 times-table ➜ pages 152–154

1. $6 \times 5 = 30$

2. $7 \times 5 = 35$

3. $9 \times 5 = 45$

4. $5 \times 5 = 25$

5. a) 10 b) 25 c) 30 d) 35 e) 0 f) 55

6. 20 x 5 = 100. Children could have explained how they know in different ways, e.g. I counted up 5 from 95 to add one more group of 5. 95 + 5 = 100

7. There are 9 possible answers: eight 5p coins = 40p seven 5p coins and one 10p coin = 45p six 5p coins and two 10p coins = 50p five 5p coins and three 10p coins = 55p four 5p coins and four 10p coins = 60p three 5p coins and fi ve 10p coins = 65p two 5p coins and six 10p coins = 70p one 5p coin and seven 10p coins = 75p eight 10p coins = 85p

Reflect Children could have suggested several answers, e.g. I can quickly work out that $5 \times 6 = 30$ because the answer will be the same. I can quickly work out that $7 \times 5 = 35$ because the answer will be 5 more. I can work out $12 \times 5 = 60$ because this is double the number of 5s.

	Friday **Date 29th January**
Lesson 1	Maths – Arithmetic - addition and subtraction recap, consolidation quiz and numbots Watch this video and then answer the quiz questions from the websites below https://www.youtube.com/watch?v=vX1ocx1x5jM https://www.educationquizzes.com/ks1/maths/year-2-calculation-addition-and-subtraction-of-one-digit-numbers/ Numbots - https://play.numbots.com/#/account/school-login/276
Lesson 2	English – Reading Listen to **Mufaros beautiful daughter** up to page 9 then answer the following questions – Record your answers. https://www.youtube.com/watch?v=pXPV35dah8I 1. Did Mufaro know that Manyara was mean? 2. Who came to the city one day? 3. Who was going to choose the Queen? 4. What time did Mufaro say they would set off? 5. Which words show that Mufaro was happy with his daughter? 6. Who did Mufaro say should go to the King? 7. What did Manyara do at night? 8. Who did Manyara meet? 9. What did the boy ask for? 10. What did Manyara say? 11. How did Manyara feel?
Lesson 3	**Phonics** – See how many different real word you can make looking at the combinations of words and suffixes below. Think about whether you need to change the root word when adding the suffix. Write your ideas down and see if you can them put them into sentences. | enjoy	play	sad	use	sunny	spite
-ing	-ed	-ful	-er	-ment	-ness	
Lesson 4	**RE** – Recap the Passover. If you want to remind yourself what it is about you can watch this clip **https://www.bbc.co.uk/bitesize/clips/zmq6sbk** List the ways that the Jewish religion celebrate the Passover. What is a Passover Seder plate? Every piece of food on the plate has its own individual symbolic meaning and is the focal point of the first two nights of Passover. The Seder plate tells the story through the senses of sight, taste, and feeling. The plate traditionally has five or six items which each represent a part or multiple parts of the Passover story. Draw a Seder plate and label it. Can you tell me the importance of the items on the plate? **SMSC - Community – We have rights** Look at the online lesson link. Follow the instructions on screen. https://classroom.thenational.academy/lessons/we-have-rights-ctgket
Extra links for today	https://play.numbots.com/#/account/school-login/276 **Myon** – Read a book(s) of your choice and answer the quiz.

Answers for Thursdays worksheets

10 times-table ➜ pages 155–157

1. a) $3 \times 10 = 30$. There are 30 stickers in total. b) $6 \times 10 = 60$. There are 60 pencils in 6 boxes.

2. a) $5 \times 10 = 50$ b) $4 \times 10 = 40$

3. a) < b) = c) > d) <

4. Children should have arranged the cards as follows: 1×10, 2×6, 3×5 and 5×3 (equal), 2×8, 10×2, 5×5, 4×10, 10×9

5. a) $5 \times 4 = 2 \times 10$ b) $2 \times 10 > 3 \times 5$ or $3 \times 10 > 3 \times 5$ or $4 \times 10 > 3 \times 5$ c) $2 \times 3 > 0 \times 10$ or $3 \times 3 > 0 \times 10$ or $4 \times 3 > 0 \times 10$ d) The le- -hand card must be 0. The right-hand cards can be any two cards from 2, 3 or 4.

Reflect 15, 75 and 99 are not in the 10 times-table. Children could have given different explanations for how they know, e.g. I counted up in tens to 100. The other numbers were in the count but 15, 75 and 99 were not. Numbers in the 10 times-table are made up of tens with 0 ones. This means they end in 0. 15, 75 and 99 do not end in 0 so are not in the 10 times-table.