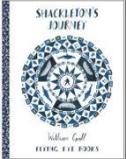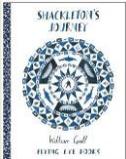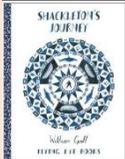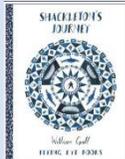# Year 5 Learning Grid Week of 22nd February 2021

Please send in your work to our class email address year5@st-john.southwark.sch.uk

MONDAY	TUESDAY	WEDNESDAY	THURSDAY	FRIDAY
L.O. To write a job application in response to Shackleton's advert. Our new class book is Shackleton's journey. Click on the image to view session one of the online lessons. You will need to enter the code below **LC5815SDXH** You will need to enter this every time you log in. **Please send in your work to our class email address** **year5@st-john.southwark.sch.uk**	**L.O. To justify reasons for essential items needed on the expedition using conjunctions.** Click on the image to access the next session of the text. Once you have logged on click the arrow at the top of the learning log to move to the session 2. Shackleton's Journey from The Literacy Tree 1 of 11 Shackleton's Journey…	**L.O. To write a letter to our families at home telling them about our journey so far.** Click on the image to access the next session of the text. Once you have logged on click the arrow at the top of the learning log to move to the session 3. **Please send in your work to our class email address** **year5@st-john.southwark.sch.uk**	**L.O. To write a setting description in role as a crew member.** Click on the image to access the next session of the text. Once you have logged on click the arrow at the top of the learning log to move to the session 4.	**L.O. To write a diary entry in role describing what daily life was like on the expedition.** Click on the image to access the next session of the text. Once you have logged on click the arrow at the top of the learning log to move to the session 5. **Please send in your work to our class email address** **year5@st-john.southwark.sch.uk**

Spelling

This week's spelling rule is: **homophones and near-homophones.**

Homophones are words that sound the same or similar but have different spellings and meanings, e.g. aloud – 'out loud' or allowed – 'permitted'

Spellings:
1.aisle 2. isle   3. farther 4. father   5. guessed
6. guest   7. aloud   8. allowed 9. heard   10. herd
Practise everyday and ask an adult to test you on Friday!

Reading

Click the image to access the book that you have been assigned this week.
When you have completed the text there are some activities hand questions on the back page for you to work through.
You can also access a resource sheet for each book by clicking the three dots next to the read button underneath the book.

Collins BIG CAT

Maths

which explains how to use the formal written method for division.

Use the formal written method for division to solve the following

Short division: 3-digits divided by a 1-digit number
Maths worksheets from urbrainy.com

Try these monstrous division questions. Use the standard method of short division. Remember to show the remainder in the answer as a whole number.

1. 3)236   2. 3)488   3. 3)516   4. 3)609

5. 4)428   6. 4)538   7. 4)722   8. 4)917

9. 5)576   10. 5)266   11. 5)613   12. 5)499

13. 6)624   14. 6)738   15. 6)295   16. 6)836

problems;

Please see the full-size sheet below.

Please send in your work to our class email address
year5@st-john.southwark.sch.uk

Mr Porter has saved £8,934
He shares it equally between his three grandchildren.
How much do they each receive?

Use <, > or = to make the statements correct.

$3{,}495 \div 5$ ◯ $3{,}495 \div 3$

$8{,}064 \div 7$ ◯ $9{,}198 \div 7$

$7{,}428 \div 4$ ◯ $5{,}685 \div 5$

Please see the full-size sheet below.

This week for **Mathletics**, I would like you to continue working on the courses assigned to you.

The focus of the courses assigned this week is to work on mentally multiplying and dividing. This includes estimation.

Please work on Mathletics for 30 minutes for the next three days to ensure that you are able to complete the courses assigned on time.

Always, Sometimes, Never?

A three-digit number made of consecutive descending digits divided by the next descending digit always has a remainder of 1
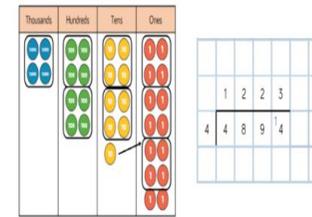
$765 \div 4 = 191$ remainder 1

How many possible examples can you find?

Please see the full-size sheet below.

Work on Mathletics for 30 minutes continuing to work through the courses assigned.

Please send in your work to our class email address
year5@st-john.southwark.sch.uk

Here is a method to solve 4,894 divided by 4 using place value counters and short division.

Use this method to calculate:

$6{,}613 \div 5$ $2{,}471 \div 3$ $9{,}363 \div 4$

Please see the full-size sheet below.

Work on Mathletics for 30 minutes continuing to work through the courses assigned.

Muffins are packed in trays of 6 in a factory.
In one day, the factory makes 5,623 muffins.

1. How many trays do they need?
2. How many trays will be full?
3. Why are your answers different?

Now try the division word problems on the sheet below.

Please see the full-size sheet below.

Please send in your work to our class email address
year5@st-john.southwark.sch.uk

Division: word problems
Maths worksheets from urbrainy.com

All these questions can be answered by using division. Can you crack them all? Use the space down the side to show your working out.

1. The chickens on a farm laid 6 357 eggs.
The eggs were packed in boxes of 8.
How many full boxes were packed? ....
How many eggs were left over? ....

2. Eight members of a cricket team shared the cost of their summer tour equally between them.
The tour cost £8 624.
How much did they each pay? ....

3. Hotdogs are sold in tins containing 8 hotdogs.
A factory makes 3 455 hot dogs in one day.
How many tins can they pack? ....
How many hotdogs are left over? ....

4. A netball team of 7 players won £8 498 between them when they won the league.
How much did they each get? ....

Use < > or = to compare these statements:
5. 1 395 ÷ 5 ◯ 1 488 ÷ 6
6. 2 653 ÷ 7 ◯ 2 274 ÷ 6
7. 5 480 ÷ 8 ◯ 5 355 ÷ 9

RE	SCIENCE	GEOGRAPHY	PSHE/COMPUTING	ART
Read the Information about Mass below the Learning Grid. **Activity:** Imagine you are writing a guide for people who want to become Catholics and are going to Mass for the first time. Describe what happens at this part of the Eucharistic prayer giving reasons for the words, actions and symbols used.	Our topic this half term is reversible and irreversible changes. What do you think a 'reversible' change might mean and what do you think an 'irreversible' change means? Watch this short clip on 'reversible changes'. Now watch this short clip on 'irreversible changes'. Once you have watched both clips, scroll down to the game on the second website (BBC Bitesize) and play the game – 'Sort the Reactions'. Can you challenge yourself by taking the quiz? **Activity**: Go on to Twinkl Go and type in the code 'UZ4508' to access today's activity. Draw arrows to show whether the change is reversible or irreversible. Then create some examples of your own, again using arrows to indicate whether the change is reversible or irreversible. **Please send in your work to our class email address** **year5@st-john.southwark.sch.uk**	This half term, we will be continuing our Theme Based Learning topic 'Extreme Earth'. Previously, we have looked at Earthquakes and Tsunamis. Over the next few weeks, we are going to look more in detail at Volcanoes and Tornados. **Activity:** Research Volcanoes – *can you find some interesting facts on volcanoes?* Find out: What the different types of volcanos are. Where volcanoes are located. How a volcano is caused. *Can you find other interesting facts about volcanoes?* **You will need to keep your research as you will be using it for next week's activity.**	**Why does privacy matter?** Read the information below the Learning Grid. **Activity:** First - Invent a character around your age – draw or write the character's name in the middle of a piece of paper, and around the outside, draw or write 'personal' information about this person. Use your imagination. Now - look at each piece of 'personal' information and identify whether it's OK to share that information online or not. What effect might sharing have on the character's online reputation? Think about: **Do you share information on-line?** **Are you doing this safely?**	This half term we are going to be looking at the artist Georgia O'Keefe. Go to Twinkl Go and type this code: **'RM2807'** to access a PowerPoint with more information about her. Here is a useful website which shows step by step how to draw flowers. **Activity:** Draw close ups of flowers inspired by Georgia O'Keefe. Follow the step by step tutorial above to help you to create your own piece of art. Remember, Georgia O'Keefe used vibrant and bold colours. **Please send in your work to our class email address** year5@st-john.southwark.sch.uk **Friday Feedback.** **Please click here for details on self-assessment of your learning this week and email this to** year5@st-john.southwark.sch.uk

Monday:

Short division: 3-digits divided by a 1-digit number
Maths worksheets from urbrainy.com

UR Brainy

Try these monstrous division questions. Use the standard method of short division. Remember to show the remainder in the answer as a whole number.

1. $3\overline{)236}$ 2. $3\overline{)488}$ 3. $3\overline{)516}$ 4. $3\overline{)609}$

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13. $6\overline{)624}$ 14. $6\overline{)738}$ 15. $6\overline{)295}$ 16. $6\overline{)836}$

Tuesday:

Mr Porter has saved £8,934
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Use <, > or = to make the statements correct.

$3,495 \div 5$ ◯ $3,495 \div 3$

$8,064 \div 7$ ◯ $9,198 \div 7$

$7,428 \div 4$ ◯ $5,685 \div 5$
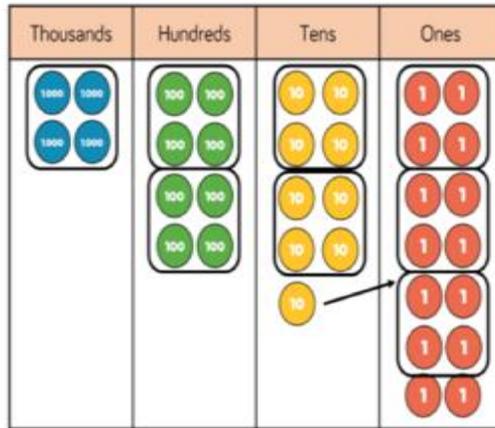
7

Wednesday:

Always, Sometimes, Never?

A three-digit number made of consecutive descending digits divided by the next descending digit always has a remainder of 1

$765 \div 4 = 191$ remainder 1

How many possible examples can you find?

Thursday

Here is a method to solve 4,894 divided by 4 using place value counters and short division.

Thousands	Hundreds	Tens	Ones

	1	2	2	3	
4	4	8	9	¹4	r2

Use this method to calculate:

$$6,613 \div 5 \qquad 2,471 \div 3 \qquad 9,363 \div 4$$

Friday:

All these questions can be answered by using division. Can you crack them all? Use the space down the side to show your working out.

1. The chickens on a farm laid 6 357 eggs.

   The eggs were packed in boxes of 6.

   How many full boxes were packed? ....

   How many eggs were left over? ....

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   The tour cost £8 624.

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   How much did they each get? ....

Use < > or = to compare these statements:

5. $1\ 395 \div 5 \bigcirc 1\ 488 \div 6$

6. $2\ 653 \div 7 \bigcirc 2\ 274 \div 6$

7. $5\ 480 \div 8 \bigcirc 5\ 355 \div 9$

RE Lesson on Monday

Every time the Eucharist is celebrated, Christians are keeping the memory of Jesus alive.

During the liturgy of the Eucharist, Jesus' actions at the Last Supper are called to mind and made present and real for Christians. These are called the words of consecration (which means made holy). The priest holds the host and says:

"Take this, all of you, and eat of it: for this is my body which will be given up for you."

When he holds the chalice he says:

"Take this, all of you, and drink from it: for this is the chalice of my blood, the blood of the new and eternal covenant, which will be poured out for you and for many for the forgiveness of sins. Do this in memory of me."

Catholics believe that at this point in the Mass, through the power of the Holy Spirit the bread becomes truly the body of Christ and the wine the blood of Christ.

The server will ring a bell as the priest holds up the host and then the chalice. People will look up and pray in their hearts, 'My Lord and my God',

affirming that they truly believe in the words of Jesus, when he said at the Last Supper 'this is my body, this is my blood.'

This is the real presence of Christ.

Listen carefully to the words: [Do this in memory of me – John Burland)](#)

PSHE and Computing Lesson on Thursday

Why does privacy matter?

Your online persona is everything on the internet that's about you.

This could mean photos, audio, videos, texts, your posts on friends' pages, etc. As you get older, a strong online presence can bring with it all kinds of benefits. The internet makes it easy to communicate with family, friends and people who love the same things that you do.

We send messages, share pictures and join conversations on social networks, sometimes without giving it a second thought. But all this online connection can pose various risks. Once something's out there, there's no turning back.

A picture or post that you think is funny and harmless today could be seen and misunderstood in the future by people you never intended to see it. You can protect your digital footprint and privacy by sharing only things that you're sure you want to share – in other words, by being careful about what persona you create online.