

**Year 4 Learning Grid Week beginning 18<sup>th</sup> January 2021**

MONDAY	TUESDAY	WEDNESDAY	THURSDAY	FRIDAY
<p><b>ENGLISH</b></p> <p>Over the next few weeks, you are going to be reading the story of Beowulf, an Anglo-Saxon legend.</p> <p><b>Read the passage from the story (below the grid).</b></p> <p>Grendel is described as “hideous and evil” but we do not know what he looks like.</p> <p><b>Using your imagination, write a paragraph which describes what YOU THINK Grendel looks like.</b></p> <p><b>Spellings</b> to practise this week: Suffix - ion:</p> <p>information, adoration, sensation, preparation, vibration, admiration, temptation, creation, education, punctuation.</p>	<p>Read the text from yesterday again and <b>answer the following questions in sentences.</b></p> <p>1. In what country does this story take place? Explain <b>HOW</b> you know.</p> <p>2. Write down <b>THREE</b> phrases which show that the Danes were having fun in Heorot.</p> <p>3. How did Grendel feel about the Danes having fun? Give reasons for your answer.</p> <p>4. Why do you think Grendel chose to attack at night?</p> <p>5. How many people died in the attack?</p> <p>Mr. Burns thinks there were no more than 35 people in Heorot on the night of the attack. Use the text to explain why you think he is correct/incorrect.</p>	<p><b>Imagine you are Grendel, write a diary entry which explains what happened on the day of the attack.</b></p> <p>See the plan for each paragraph below the grid.</p> <p>Remember to link your ideas and paragraphs using fronted adverbials. Use a range of tenses and expanded noun phrases to develop your descriptions.</p> <p>When you have finished, go back and edit your work to improve it.</p>	<p>Imagine you are one of the survivors. <b>Write a letter to a friend which explains events on the night of the attack.</b></p> <p>Spend fifteen minutes planning your letter. Focus on the <b>KEY</b> events from <b>YOUR</b> point of view.</p> <p>Here is an example of how you might start your letter.</p> <p><i>Dear Ilia, How are you? I cannot believe it's been six months since I last heard from you! I hope that you and your family all well and surviving the harshness of these cold winter months. Thankfully, Freda and I have stored enough foodstuffs to ensure I don't have to go hunting this winter and risk the possibility of running into that terrifying beast, Grendel. I'm sure you will have read by now about the attack on Heorot a few weeks ago. I was there that night and, let me tell you, it was a night I will never ever forget.</i></p> <p>When you have finished, go back and edit your work to make sure you have included adverbials, a range of tenses and expanded noun phrases.</p>	<p><b>Spellings:</b> Suffix - ion:</p> <p>information, adoration, sensation, preparation, vibration, admiration, temptation, creation, education, punctuation.</p> <p>Write each of these words in a sentence.</p> <p>When you are finished, ask a family member to test you.</p> <p>Correct any errors you have made in your written sentences.</p> <p>Please send your writing and spelling scores to <b>Year4@st-john.southwark.sch.uk</b></p>

## MATHS

You should continue to work on your 7x tables. Multiplication and division facts.

This week you are going to be learning about Negative numbers and Roman Numerals. For a reminder about Negative numbers, visit [this website](#):

Use this to help you order the following sets of numbers, smallest to largest: (There is a Number Line below to use).

- 1 3, -3, 5, -1, 0
- 2 -4, -7, 3, 2, -1
- 3 1, -4, 5, -7, 14
- 4 6, -5, 0, -2, -8
- 5 -1, -12, -4, -7, 0
- 6 8, -2, -5, 4, 2
- 7 -2, 3, -4, 0, 1
- 8 1, -1, 2, -2, 0
- 9 -5, 4, -3, 7, -1
- 10 -9, -3, 3, 12, -12

### EXTENSION:

Answer the following challenge and explain your answer:

-15 degrees is warmer than 12 degrees.

You should continue to work on your 7x tables.

Today you will be adding and subtracting Negative numbers and Positive numbers. [Watch this](#).

Use a number line to help you.

1. 3 - 7
2. -2 + 4
3. 6 - 9
4. -5 + 7
5. 8 - 12
6. -8 + 14
7. -3 + 15
8. -1 + 7
9. -6 + 13
10. 12 - 25
11. -19 + 21
12. -12 + 15

### EXTENSION:

The temperature in New York is 15 degrees below the temperature in London. If the temperature in London is 7 degrees Celsius, what is the temperature in New York?

## Spend 20 minutes on Mathletics

- a) The temperature on Tuesday is 5°C. On Wednesday it is 6 degrees colder. What is the temperature on Wednesday?
- b) The temperature on Friday is -7°C. The following day, the temperature rises by 9 degrees. What is the new temperature?
- c) The temperature in London is -5°C. In Birmingham it is -8°C. What is the difference between the 2 temperatures?
- d) What is 7 minus 11?
- e) Increase -3 by 6.
- f) What is 3 minus 10?
- g) The temperature on Sunday is 4°C. The following day it drops by 11°C. What is the new temperature?
- i) The temperature is -9°C. If it is 8°C warmer on the following day, what will the temperature be?
- j) The temperature is -6°C. The following day it is 9 degrees warmer. What is the temperature on the following day?

## Spend 20 minutes on Mathletics

Over the next two days, you will be revisiting Roman Numerals. For a quick reminder, [watch this Bitesize video](#):

Need more help?

[Go to Twinkl here](#) and type in the following code:  
NR8731

Read the Introduction to Roman Numerals Powerpoint and complete the activity on the last slide.

When you have finished, watch the next Powerpoint on Roman numerals to 100 and use this to write out the numbers from 1-50 in Roman numerals.

## Spend 20 minutes on Mathletics

Using your knowledge of Roman Numerals crack a code from Julius Caesar.

The investigation is detailed below the Learning Grid.

For those of you who finish quickly, I have put in a blank template for you to write your own message which you can send to the class email.

[Year4@st-john.southwark.sch.uk](mailto:Year4@st-john.southwark.sch.uk)

## RE

Read the Gospel reading below the grid.

**Write down 5 things you think the Apostles might have felt when they were chosen by Jesus and explain WHY they might have felt that way.**

When you are finished, [go to this link here](#)

Close your eyes and listen to the lyrics.

Think about how these words would have inspired The Apostles to decide to follow Jesus.

Reflect on how these words can help YOU to follow Jesus.

## SCIENCE

### Sound Investigation

You are going to investigate when you can hear the most sounds. Start this today and continue it throughout the day. Try to go to different parts of our home and listen; if you can go outside try this at different times.

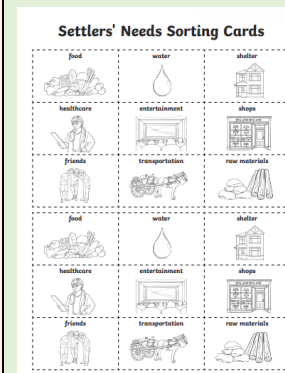
Close your eyes and really listen.

Use this table to help you record your results.

Time	Number and name of Sounds
09:00	
10:00	
11:00	
12:00	
13:00	
14:00	
15:00	
16:00	
17:00	
18:00	
19:00	
20:00	

## HISTORY/GEOGRAPHY

The Anglo-Saxons settled in Britain. Before they could do that successfully, there were a number of factors which had to be considered so that the location they chose would provide them with everything they needed to survive there.



**Sort the chart** (there is a larger version below) **into three sections:**

Things settlers would need to have to settle successfully.

Things settlers would like to have to settle successfully.

Things settlers would not need to settle successfully.

(Remember these are Anglo-Saxon settlers)

## ART/DT

Last week, you had a go at creating your own Anglo-Saxon Art using basic symmetry. This week, you will create more sophisticated Anglo-Saxon Art.

[Go to Twinkl here](#) and type in the following code: XN5093.

This will take you to a powerpoint on Anglo-Saxon Art.

Read this as far as the section on Purse Lid.

Use this to help you **create a piece of Anglo-Saxon Art which is either a Great Buckle or a Purse Lid.**

Please send this to [Year4@st-john.southwark.sch.uk](mailto:Year4@st-john.southwark.sch.uk)

## PSHE/PE

This week you will continue to learn about the importance of a balanced diet.

[Follow this link:](#)

This will help you to learn in greater depth the components of each food group and why each food group is important. Record these in your book.

Once you have watched the video, complete the sorting activity on the different food types.

Try the balanced diet quiz.

Task:  
Our daily diet should consist of five portions of fruit and vegetables each day.

Use the information provided to **fill in the grid below which suggests what fruit and vegetables we should eat in a week.**

Come up with ways to eat fruit and veg that might be more exciting e.g. cucumber in a sandwich, apples in an apple pie.

## English

### MONDAY

The story began when the King of the Danes, Hrothgar, built a mead-hall. He called the hall, Heorot. Once Heorot was built, King Hrothgar and his people enjoyed feasts and celebrations there every night. The hall was filled with the sounds, sights and smells of happy gatherings.

However, someone else was listening and he hated the sounds of happiness and mirth. Grendel, a beast so hideous and evil, lurked in the shadows growing angrier every day. Eventually, their music and laughter become so unbearable that he decided it would end. That night, under the shadow of darkness, Grendel attacked and slaughtered thirty of the revellers. It was a massacre. Few survived to tell the tale.

### WEDNESDAY

Paragraph 1: general introduction to the day Grendel has just had.

*e.g. Dear Diary, You will not believe the day I have had. After months of listening to their endless partying and happiness, I couldn't take it anymore. I snapped.*

Paragraph 2: Describe what Grendel decided to do and why-include feelings..

Paragraph 3: Describe what he did - the attack.

Paragraph 4: Describe how he feels

Paragraph 5: End with a wish or a hope for the future from Grendel.

## **RE**

“I Have Chosen You”

Jesus left the crowds behind and went up onto the mountain. He sent for some of his friends.

When they came he chose twelve of them to be his special friends and help him in his work.

“I have chosen you to be my apostles” he said, “I want to send you out to tell everyone the Good News of God’s love.”

These are the names of the twelve:

1.Simon (whom Jesus called Peter – the rock

2.James and

3.John,

the sons of Zebedee (whom Jesus called sons of thunder)

4.Andrew

5.Philip

6.Bartholomew

7.Matthew

8.Thomas

9.James the son of Alphaeus

10.Thaddaeus

11.Simon the Zealot

12.Judas Iscariot (who would one day betray Jesus).

Based on Mark 3:13-19

**Science**

A portion of fruit (150g) is roughly equivalent to:

1 medium apple, banana, orange or pear

2 small size apricots, kiwi fruit or plums

1 cup of diced or canned fruit (no added sugar)

A portion of vegetables (75g) is roughly equivalent to:

½ cup cooked green or orange vegetables (for example, broccoli, spinach, carrots or pumpkin)

½ cup cooked dried or canned beans, peas or lentils (preferably with no added salt)

1 cup green leafy or raw salad vegetables

½ cup sweet corn

½ medium potato or other starchy vegetables (sweet potato)

1 medium tomato.

**Year 4 Suggested Five a day**

Monday	Tuesday	Wednesday	Thursday	Friday

# ROMAN NUMERAL HIDDEN MESSAGE

A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q	R	S	T	U	V	W	X	Y	Z
910	150	120	12	14	1006	555	7	4	73	99	74	883	19	45	31	3	601	52	25	93	28	456	44	200	65

Use the table above and the questions below to find the hidden message.

For example CC = 200 , this would turn into the letter Y

## Roman Numeral Table

1	I	11	XI	21	XXI	31	XXXI	200	CC
2	II	12	XII	22	XXII	40	XL	300	CCC
3	III	13	XIII	23	XXIII	50	L	400	CD
4	IV	14	XIV	24	XXIV	60	LX	500	D
5	V	15	XV	25	XXV	70	LXX	600	DC
6	VI	16	XVI	26	XXVI	80	LXXX	700	DCC
7	VII	17	XVII	27	XXVII	90	XC	800	DCCC
8	VIII	18	XVIII	28	XXVIII	100	C	900	CM
9	IX	19	XIX	29	XXIX	101	CI	1000	M
10	X	20	XX	30	XXX	150	CL		

Not all the numbers are in the table, can you work out how the roman numbers work to crack the mystery quote from Julius Caesar.

IV XXV IV LII CL XIV XXV XXV XIV DCI XXV XLV

CXX DCI XIV CMX XXV XIV XXV VII CMX XIX XXV XLV

LXXIV XIV CMX DCI XIX ! CXX DCI XIV CMX XXV IV XIX DLV

IV LII XXV VII XIV XIV LII LII XIV XIX CXX XIV

XLV MVI LXXIV IV MVI XIV . Quote by Julius Caesar

# ROMAN NUMERAL HIDDEN MESSAGE

Create your own hidden message by assigning each of the letters a Roman numeral and then writing the Roman numerals in the message space

A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q	R	S	T	U	V	W	X	Y	Z

## Roman Numeral Table

1	I	11	XI	21	XXI	31	XXXI	200	CC
2	II	12	XII	22	XXII	40	XL	300	CCC
3	III	13	XIII	23	XXIII	50	L	400	CD
4	IV	14	XIV	24	XXIV	60	LX	500	D
5	V	15	XV	25	XXV	70	LXX	600	DC
6	VI	16	XVI	26	XXVI	80	LXXX	700	DCC
7	VII	17	XVII	27	XXVII	90	XC	800	DCCC
8	VIII	18	XVIII	28	XXVIII	100	C	900	CM
9	IX	19	XIX	29	XXIX	101	CI	1000	M
10	X	20	XX	30	XXX	150	CL		

## Message Space

Put your Roman numerals here →



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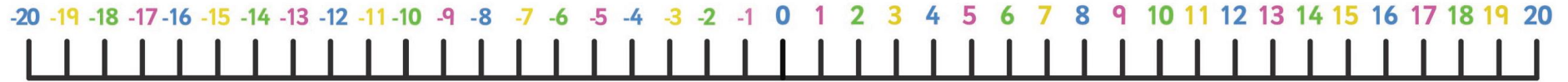
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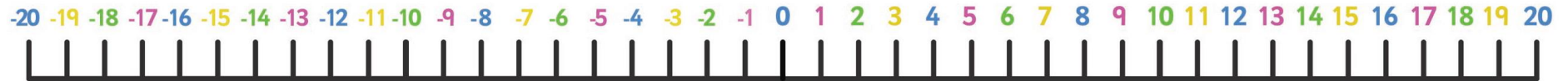
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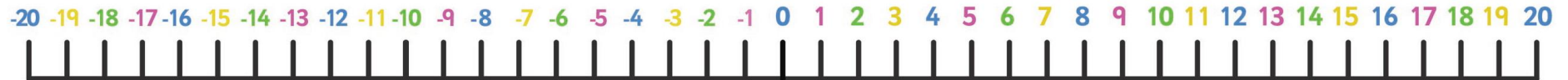
# My -20 to 20 Number Line



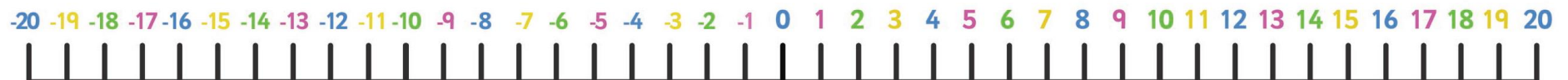
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## Settlers' Needs Sorting Cards

