Year Group: Year 5 Week beginning: 13.01.25



Every Tuesday, you will see the weekly overview that sets out our learning for the week on the learning section of our school website and on Google Classroom. This is the work that children will be doing in school. If there are any questions, please email your child's class teacher

Frank Cottrell-Bongce	Monday	Tuesday	Wednesday	Thursday	Friday
BOTON BOTON	LI: We are learning to identify the features of a newspaper article	LI: We are learning to use direct speech and reported speech.	LI: We are learning to summarise events in the book Cosmic.	LI: We are learning to plan our newspaper article.	LI: We are learning to recap our understanding of subordinating and main clauses by identifying, using, and improving sentences that include them. PIXL THERAPY
Speaking and Listening Focus	Children will ask relevant questions to extend their understanding and knowledge. Children will listen and respond appropriately to adults and their peers when discussing features of newspaper articles.  "A newspaper article often includes a headline that".  "The introduction of the article explains".  "In the main body, the reporter includes".  "The conclusion of the article usually".  "The feature that makes this a newspaper article is".	Children will articulate and justify answers, arguments and opinions. Children will give well-structured descriptions and narratives for different purposes.  Direct Speech: "She said, 'I can't wait to go to the park."  "In direct speech, we use quotation marks to show exactly what someone said."  Reported Speech: "He said that he couldn't wait to go to the park."  "When changing from direct to reported speech, we need to".  "In reported speech, we usually change the tense to".	Facilitate a class discussion about the main events, asking students to build on each other's contributions.  Use prompts like, "What happened next?" or "Why do you think this event was important?"  "A key moment in Cosmic is when because".  "The most important thing that happened was".  "This event is significant because".  "In summary, the character did this because".	Children will articulate and justify answers, arguments and opinions. Children will give well-structured descriptions and narratives for different purposes.  "The headline of my article will be because". "In the introduction, I will explain". "The main body of the article will cover". "I will end my article by". "For my article, I need to gather information on".	Peer talk and sentence construction - turns identifying the clauses and explaining why they are main or subordinate. This promotes active listening and clear communication.  "The main clause in this sentence is because it can stand alone."  "The subordinate clause in this sentence is because it depends on the main clause."  "In my sentence, I can add a subordinate clause by using the conjunction".  "I can improve my sentence by changing the subordinate clause to come first, like this".  "To make this sentence more complex, I will add".
Key vocabulary and Key Blooms higher order thinking questions	Key Vocabulary: Newspaper article Language Layout Format Key features Grammar Punctuation Spelling Handwriting	Key Vocabulary: Newspaper article Language Layout Format Key features Grammar Punctuation Spelling Handwriting Direct Speech	Key Vocabulary: relative clause relative pronoun which who whose that summarise information  Key questions:	Key Vocabulary: Newspaper article Language Layout Format Key features Grammar Punctuation Spelling Handwriting Direct Speech	Key Vocabulary: Clause Main clause Subordinate clause Subordinating conjunction Dependent Independent Sentence Complex sentence
	Key questions:	Reported Speech	What is a relative clauses?	Reported Speech	Key questions:

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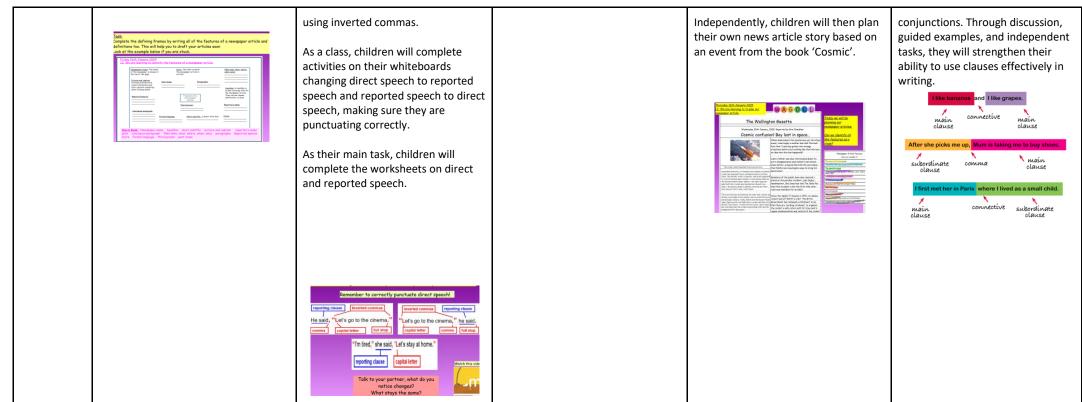


clauses to main clauses. They will also work on improving sentences by making them more complex and interesting using subordinating

					Primary
	What features are needed to create a successful newspaper article? How does the layout of a newspaper article help readers understand the content? How is information presented in a non-biased way? What key information in the event needs to be presented (what, where, when, why)? How are language and layout used effectively to present perspectives? Can you explain what features of newspaper articles you have used and how these are effective in reporting information on the event? How have you kept the language of your newspaper article formal and informative?	Inverted commas  Key questions: What is direct speech? What is reported speech? Why are direct and reported speech used in newspaper articles? How are direct speech and reported speech punctuated correctly?	What examples of relative clauses can you think of? What are relative pronouns? What examples of relative pronouns can you think of? How can relative clauses help to summarise events? How can relative clauses be used in a newspaper article?	Inverted commas plan draft  Key questions: What are the features of newspaper articles? What is the layout of a newspaper article? What is the language of a newspaper article? What is the purpose of a newspaper article? Who are the audience for newspaper articles? What features have you used in your newspaper articles? How have you ensured your newspaper article is presented clearly?	What is a main clause? What is a subordinate clause? Can you name some subordinating conjunctions? Which part of this sentence is the main clause: "Although it was raining, we went to the park."? Where is the subordinate clause in this sentence: "He stayed behind because he wanted to finish his work."? Is this a complete sentence? Why or why not: "Because she was tired." Why do we use subordinating clauses in our writing? How does adding a subordinate clause change the meaning of a sentence? What happens if a subordinate clause is written on its own?
Activities	In this lesson, children will first discuss their previous knowledge of newspaper articles with their partners and then share as a class.  Children will look at some example newspaper articles and think about the structural and language features that the newspaper articles have in common.  For their main task, children will complete a defining frame writing all of the features of a newspaper article and explaining these.	In this lesson, children will discuss what direct speech and indirect speech is and will revisit how to correctly punctuate direct speech	In this lesson, children will recap chapters 1-6 of the book, Cosmic, with their partners and as a class.  As a class, children will start to put events together that they think are important so far.  Children will then summarise the main events of the book so far and using a sequencing frame, will sequence the main events.	In this lesson, children will first revisit what newspaper articles are, their purpose, audience and features in partners and share as a class.  As a class, the children will then share ideas for planning their newspaper article, which will involve a news story based on the book 'Cosmic', broken down into steps. Children will first plan their newspaper name and headline, then will go on to plan the introduction, main body and concluding paragraph.  Children will also look at the layout of a newspaper article such as vertical	This lesson focuses on recapping and consolidating the children's understanding of subordinating and main clauses. They will revisit what makes a main clause independent and a subordinate clause dependent, exploring how these work together to form complex sentences. The lesson will also reinforce the use of subordinating conjunctions to connect clauses and add depth to their writing.  During the session, children will identify main and subordinate clauses in sentences, classify them, and practice adding subordinate

paragraphs.





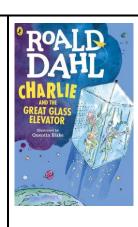
Book Bu – Readir Aloud ar activities	Author – Louis Sachar	Jade Text - The BFG Author – Roald Dahl	Pearl Text – Cosmic Author – Frank Cottrell Boyce	Emerald Text – Charlie and The Great Glass Elevator. Author – Roald Dahl
15 mins each day	,			











Maths  Multiplication and	Lesson 1	Lesson 2	Lesson 3	Lesson 4	Lesson 5
division B	LI: We are learning to multiply 4 digits by 2 digits.	LI: We are learning to solve problems with multiplication.	LI: We are learning to divide using short division.	LI: We are learning to divide a 4-digit number by a 1-digit number	LI: We are learning to divide with remainders.

Key vocabulary and key questions	Key vocabulary: digits multiply exchange column calculation ones tens hundreds thousands  Key questions:	Key vocabulary: digits multiply exchange column calculation ones tens hundreds thousands RUCSAC  Key questions:	Key vocabulary: digits multiply exchange column calculation ones tens hundreds thousands	Key vocabulary: digits multiply exchange column calculation ones tens hundreds thousands  Key questions: How would you set out a	Key vocabulary: remainder digits divide groups exchange column calculation ones tens hundreds thousands
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What are you	multip	lying	by
first?			

What are you multiplying by next? Why is this different? Why is there a zero in the ones column when multiplying by? (for example, when multiplying 2,314 by 30) Where do you put the

exchanged ones/tens/ hundreds/thousands? What do you do to complete the calculation?

What operation do you need to do?

How do you know? Why can you multiply the numbers in any order? What strategy can you use to solve this problem? How do the words in the problem tell you what to do? Is there a more efficient method? What calculation do you need to do? How do you know? Could you have worked it out a

different way?

#### **Key questions:**

exchange?

Which digit do you divide first? How many groups of hundreds/tens/ones are there? How can you set out the division using the formal written method? When using short division, do you start from the left or the right? When do you need to make an

division using the formal written method? Which digit do you divide first? When using short division, do you start from the left or the right? What do you do if the number you are dividing by does not divide exactly into the first

When do you need to make an exchange?

digit?

## **Key questions:**

remainder?

What does "remainder" mean? How can you use your times-tables to know if a division by 2/5 will have a remainder? What other divisibility rules do you know? What do you notice about the size of the remainders compared to the number being divided by? What is the greatest possible remainder you can get when dividing by? How do you know this answer is incorrect, just by looking at the size of the

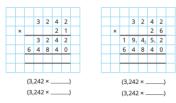
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#### **Activities**

In this small step, children build on their understanding from the previous two steps to multiply a 4-digit number by a 2-digit number. Children need to be confident with multiplying 2-digit numbers by both 2- and 3-digit numbers before moving on to this step. As they are now working with greater numbers, it is important that children understand the steps taken when using the long multiplication method. An area model using place value counters could potentially be useful to support children who need it, but the emphasis should be on using the formal written method. As with the previous steps, children need to understand the role of zero in the ones column when multiplying by the tens. The main focus of this small step is for children to practise completing multiplications of this sort before moving on to solve problems in the next step.

Complete the calculations.



In this small step, children apply their knowledge of multiplication to solve problems. Children practise both the formal written method for multiplication and the use of efficient mental strategies. It is important that children explore a variety of methods to solve multiplication problems and discuss which is the most efficient. They may refer to known facts to help them derive unknown facts. For example, to calculate 9,999 × 6, they can calculate 10,000 × 6 and then subtract 1 lot of 6 Building on their learning from Year 4 (where they multiplied three numbers), children should use their knowledge of multiplication being commutative to multiply the numbers in any order, depending on which is the most efficient.

Dora and Jack have worked out 46  $\times\,99$ 



Explain why both methods work.

Which method do you prefer? Why?

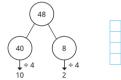
Use your preferred method to work out the multiplications.

Building on informal methods used in Years 3 and 4, this small step introduces children to the formal written method of short division. The formal calculation is shown alongside familiar models, in particular part-whole models, place value counters and place value charts. In this way, the structure of short division becomes clear, enabling children to see the relationship between the model and the formal written method. First. children use the formal method to divide a 2-digit number by a 1-digit number, initially without an exchange and then with an exchange. They then divide a 3digit number by a 1-digit number, again without and then with an exchange. Dividing 4digit numbers is covered in the next step, with calculations involving remainders following later in the block.

What is the same and what is different about the two methods for dividing 48 by 4?

1 2

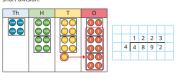
4 4 8



10 + 2 = 12, so  $48 \div 4 = 12$ 

Following the introduction of formal short division in the previous step, in this small step children move on to dividing a 4-digit number by a 1-digit number. Place value counters continue to be used to represent the calculations alongside the formal written method, so that children can visualise how one relates to the other. In particular, place value counters in place value charts help children to make sense of the steps that they are taking and how this relates to the context of the question. Children begin with divisions that have no exchanges and then progress to those with exchanges. Divisions with remainders are covered in the

**next step.**Ron has worked out 4,892 ÷ 4 using place value counters and short division.



Use place value counters and short division to work out the divisions.

6,610 ÷ 5

2,472 ÷ 3

9,360 ÷ 4

In previous years, children have looked at division with remainders informally. In this small step, they move on to formal calculations that result in a remainder. The formal written method for short division continues to be used alongside familiar models. Children use place value charts and counters so that they associate the remainder with the amount "left over".

The progression of examples is carefully chosen to focus children's attention on the link between the remainder and the number being divided by. They should generalise that a remainder must be less than the number being divided by. Remainders are represented in the calculation as r1, r2 and so on. In this step, the focus is on completing and understanding the calculation procedure. Making decisions about the remainder based on the context of the question is covered in Step 11.

Mo wants to put 27 pencils into pots of 4 How many pots of 4 pencils can he make?

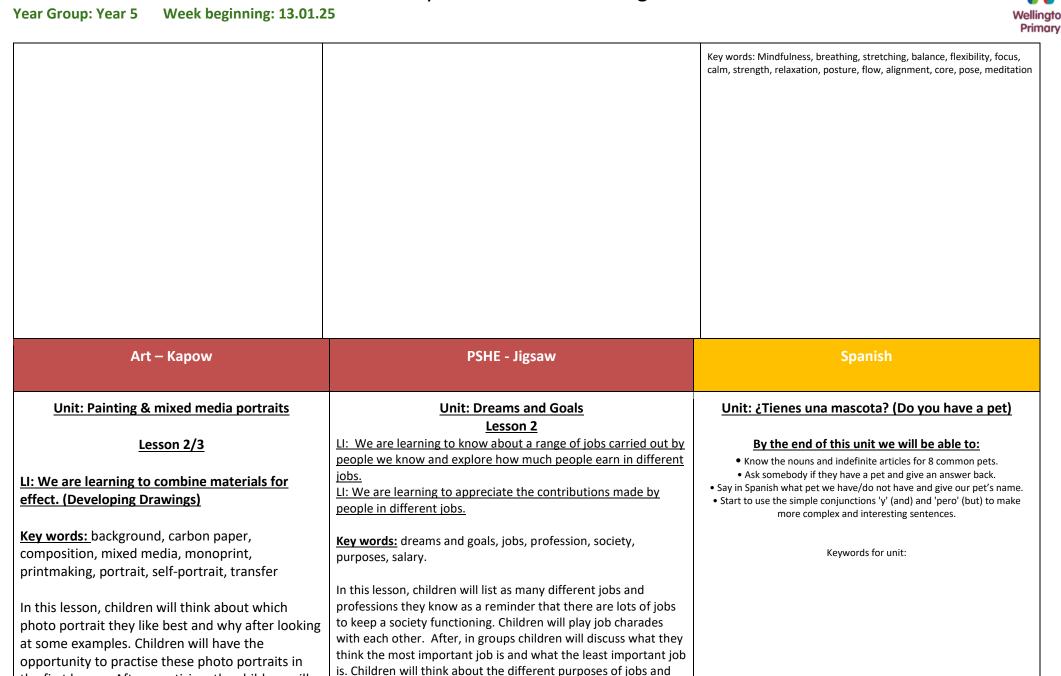
How many pencils are left over?

Complete the division sentence.

\_\_\_\_ ÷ \_\_\_\_ = \_\_\_\_ r\_\_\_



Music – Sing Up RE – Widening Horizons PE – Get Set 4 PE	
Unit: Madina Tun Nabi Lesson 2 LI: We are learning more about Islamic music and Nasheed, for one, microtone, vocal decoration, Structure: introduction, verse, chorus. Texture: call and- response, a cappella/ unaccompanied, accompaniment. Other: improvisation, Nasheed, Arabic music. Following on from last week, we will continue to learn the piece called Madina tun Nabi. By the end of the lesson, children will:  • Learn more about Islamic music and Nasheed. Nasheed.  • Learn the introduction and Verse 1 of Madina Tun Nabi and recap the Chorus  Children will listen to the introduction and pay attention to 'tun'. Did you notice how it focuses on the 'if 'sound rather than the 'uh' sound?  Children will listen carefully and sing along silently in their heads. They will be asked to imitate the notes and ribythm.  Level in the season of the production, notes, and rhythm of 'tun' along with the performance track.  Unit - What do people believe about death? (Buddhism)  Lesson 2 - Lesson 2  Lesson 2 - The Cycle of Samsara and Rebirth Li: We are learning To explain the Buddhist concept of samsara and Rebirth Li: We are learning to develoas do how changing dynamics changes the appearance of the performance, (the cycle of life, death, and rebirth) and how Buddhists believe we are reborn based on karma.  Key Vocabulary Buddhists Consequences Birth Death Reincarnation Filightenment Nirvana Reincarnation Karma  Liii We are learning To explain the Buddhist concept of samsara and reborn beyond the deviate with the vale of the preformance. After, half the dass will perform their dance and then the 'in' sound rather than the 'uh' sou	tion on f their will s of the lass.  Pupils the upils their e of ge



the first lesson. After practising, the children will

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copy their line drawings from the previous lesson onto their prepared backgrounds. Children will be encouraged to think carefully about where to position their drawing onto the background; it needn't go in the middle of the page.

After the children have completed this, they can review each other's group compositions and offer constructive feedback. In preparation for the next lessons, the children will work with a partner to take head-and-shoulder photographs of each



other

reflect on their views of whether or not the salary matches the job. Children will discuss which salaries of jobs shock them.

Nurse	Salary: £32,000	Office Worker	Salary: £28,900
Vet	Salary: £33,600	Chef	Salary: £45,000
Farmer	Salary: £25,650	Doctor	Salary: £80,000
Bus Driver	Salary: £28,200	Army	Salary: £21,000
Mechanic	Salary: £34,010	Fire Officer	Salary: £47,000
Police Officer	Salary: £27,300	Professional Footballer	Salary: £200,000
Pilot	Salary: £42,200	Charity Worker	Salary: £26,000

	Unit Glossary					
	Spanish	English		Spanish	English	
â	un perro	a dog		Tengo	I have	
<b>W</b>	un gato	a cat		No tengo	I do not have	
ă	un conejo	a rabbit		Tengo un	I have a (masculine)	
8	un hámster	a hamster		Tengo una	I have a (feminine)	
	un pez	a fish		que se llama	that is called	
25	un ratón	a mouse		у	and	
-	una cotorra	a parrot / parakeet		pero	but	
	una tortuga	a tortoise				

#### Lesson 2

L.l. We are learning to introduce the 1st person verb conjugation Tengo (I have) so that pupils can express which pets they have in Spanish. They will also learn the conjunction y (and) to expand their descriptions.

In this lesson, to use the irregular high frequency verb 'I have', along with the conjunction 'and' in order to say which pets they have. Pupils revise how to say each of the 8 pets in Spanish. Each pet is presented individually, one per slide with the audio and written word. The pupils then will be presented with each pet individually one per slide with the audio of the sentence, Tengo (I have) + pet in Spanish.

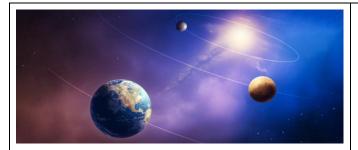




Science - Wellington Curriculum	Topic (History) – Wellington Curriculum	Computing – Barefoot and Teach Computing
Unit: Forces and Mechanisms	Unit: Dynamic Dynasties	Unit: Flat-file databases
Li. We are learning to explain that objects fall to Earth due to the force of gravity.  Key words: Gravitational force Gravity non-contact mass Earth Moon Galileo Galilei Sir Issac Newton  In this lesson, children recap what a force is and the different forces they can remember from the previous week. Children will also revise the meaning of contact force and non-contact force. Following this, children will look specifically at gravitational force. Children will learn gravitational force, or gravity, is a non-contact force between objects that have mass. They will also learn how gravitational force increases as the mass of an object increases and that the mass of the Earth is very large so it exerts a gravitational force large enough for its effect to be seen. Children will be completing four tasks exploring the effects of gravity.	Lesson 2  LI: We are learning to use a range of historical sources and artefacts to explore the Shang Dynasty  Key words: bronze, ancient, Chinese. Shang Dynasty, ding. burial, sources, ancestor, ritual.  Key questions: What was the dig at Yinxu? What artefacts were discovered during the dig? What is a primary source? What is a secondary source? How do historical sources help us to understand the Shang Dynasty?  In this lesson, children will be looking at a range of historical sources which explore artefacts in the Shang Dynasty. In this Year 5 history lesson on Shang Dynasty artifacts, students explore the cultural and technological advancements of the Shang people (c. 1600 BCE – 1046 BCE). Key artifacts include bronze vessels used in rituals, oracle bones inscribed with early Chinese writing for divination, jade objects buried with the deceased, and everyday pottery. These artifacts provide insight into the Shang Dynasty's religious practices, social hierarchy, and early writing system. Students learn how these items reflect the importance of ancestor worship, craftsmanship, and the sophisticated society that existed during this influential period in Chinese history.	This unit looks at how a flat-file database can be used to organise data in records. Learners will use tools within a database to order and answer questions about data. They will create graphs and charts from their data to help solve problems. They will also use a real-life database to answer a question, and present their work to others.  Lesson 2 -  Ll: We are learning to compare paper and computer-based databases.  In this lesson, learners will use a computer-based database to examine how data can be recorded and viewed. They will learn that a database consists of 'records', and that each record contains 'fields'. In addition, they will order records in different ways and compare this database to the paper database they created in Lesson 1.

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#### **Evidence 1**

#### Bronze Houmuwu ding

A *ding* is an ancient Chinese cauldron used for cooking, storage or ritual offerings to the gods or ancestors. Ownership of one or more *dings* was a symbol of power. This huge *ding* is called the *Houmuwu ding*. It was found in a tomb at Yinxu, and indicates that the deceased person was held in high esteem. It is made from bronze, and is one of the heaviest bronzeware pieces to survive from anywhere in the ancient world. Casting large bronzes like this was very expensive and highly skilled work. This provides evidence that the Shang Dynasty people had a good supply of the raw materials to make bronze, and were experts in casting bronze on a large scale.



### Homework

Homework is set on a **Thursday** and due back on a **Monday** either in books or on line.

Reading and	spelling.	Maths	Topic/Other foundation subjects including writing REMINDERS – trips/events/items to bring in
Reading  Please read for at least 20 minutes every day and complete tasks in your	Spellings Please make sure your child's spelling book is in their book bag	doodlemath	All year groups Please remember to wear the correct full uniform. Children should be wearing a white shirt with the

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reading record or purple task book. Tasks are due and will be changed every Monday.

Your teacher will check, mark and sign your work once a week.

Try and login to Bug Club and Reading Eggs.





on these days as this is their spelling test day.

Remember to write your spelling sentences in your purple reading task book.?

<u>Doodle Maths</u> – Log on to your account at least three times this week.

We will be checking to see who has accessed their account the most!!

Work to reach your target – are you in the green zone yet?

#### Times Tables Rockstars:

Take part in the weekly Battle of the Bands! It will help you to practise your multiplication facts as well as compete with the other classes! school tie, grey trousers and black school shoes. Jumper and cardigan must be burgundy with the school logo. Girls to wear simple stud earrings, no necklaces or big bows to be worn.

Please remember to write your child's name on all school clothes and resources so if they get lost we can return them.

Please remember to bring book bags in everyday!

Forthcoming Trips/events for this term;

Reading Café dates for specific classes