

# Prep V Curriculum Notes Autumn 2017

## English

Fiction	Non-fiction	Poetry/Drama
<p><b>Plan 1A: Classic fiction</b>  <b>Required texts:</b>  <b>The Jungle Book</b> by Rudyard Kipling  <b>Just So stories</b> by Rudyard Kipling  <b>Description:</b>            Chn explore the charm and challenge of classic fiction. Chn write a modern-day Jungle Book story, Just So Stories diary entries, and tell outrageous lies, courtesy of conjunctions. The unit ends with chn performing their own Just So Story in Kipling's style.  <b>Grammar focus:</b>            1. Learn the grammar in App.2 specifically using a range of conjunctions to create compound and complex sentences.            2. Use relative clauses.            3. Use commas correctly, including to clarify meaning, avoid ambiguity and to indicate parenthesis.            4. Use correct punctuation to indicate speech.</p> <p><b>Reading comprehension texts.</b></p> <p><b>Grammar, punctuation and spelling workbook.</b></p> <p><b>Spellings based on The National Literacy Strategy.</b></p>	<p><b>Plan 1A: Recounts</b>  <b>Required texts:</b>  <b>UFOs and Aliens: Investigating Extraterrestrial Visitors – Extreme!</b> by Paul Mason  <b>UFO Diary</b> by Satoshi Kitamura  <b>Description:</b>            Using the context of UFOs, chn explore recounts: investigating genuine documents; discussing famous sightings &amp; researching notorious hoaxes. Chn write a diary entry and create their own hoax UFO photo and report. A presentation to parents completes the unit.  <b>Grammar focus:</b>            1. Learn the grammar in App.2 specifically using adverbials of time, space and number            2. Use commas correctly, including to clarify meaning, avoid ambiguity and to indicate parenthesis.            3. Use expanded noun phrases to convey complicated information concisely</p> <p><b>Reading comprehension texts.</b></p> <p><b>Grammar, punctuation and spelling workbook.</b></p> <p><b>Spellings based on The National Literacy Strategy.</b></p>	<p><b>Plan 2A: Classic poems</b>  <b>Required texts:</b>  <b>The Walrus and the Carpenter</b> by Lewis Carroll  <b>Cautionary Tales</b> by Hilaire Belloc  <b>Description:</b>            Carroll's Walrus and the Carpenter stimulate performance, discussion and persuasive writing, in this poetry unit. Belloc's Cautionary Tales provide cause for debate and the chn end the unit writing their own modern day cautionary poems.  <b>Grammar focus:</b>            1. Learn the grammar in App.2 specifically using and choosing descriptive language; adjectives, adverbs and powerful nouns and verbs.            2. Use expanded noun phrases to convey complicated information concisely            3. Use hyphens to avoid ambiguity</p> <p><b>Reading comprehension texts.</b></p> <p><b>Grammar, punctuation and spelling workbook.</b></p> <p><b>Spellings based on The National Literacy Strategy.</b></p> <p><b>St Austell Verse-speaking competition.</b></p>

## Mathematics

Week	Mathematics topic covered	Objective covered
1	Number (place value in whole numbers) and Written Addition	<ul style="list-style-type: none"> <li>• Place value in 5-digit numbers (PV additions/subtractions)</li> <li>• Place value in 5-digit numbers (Adding/subtracting 1, 10, 100, 1000 and 10,000)</li> <li>• Square Numbers. Review Multiples and Factors.</li> <li>• Column addition using 4-digit and a few 5-digit nos with hard group include using rounding to check answers</li> <li>• Column addition using 4-digit and a few 5-digit nos with medium group include using rounding to check answers</li> </ul>
2	Number (place value in decimals) and Written Addition of money	<ul style="list-style-type: none"> <li>• Place value in decimals (2-place) Introduce this again using dividing 200 by 100, then 300 by 100 then 234 by 100</li> <li>• Place value in decimals (2-place) Include multiplying and dividing by 10 and 100</li> <li>• Place value in decimals (2-place) Place two place decimal numbers on a number line and compare two numbers.</li> <li>• Adding money using column addition include using rounding to check answers</li> <li>• Adding money using column addition include using rounding to check answers</li> </ul>
3	Written and Mental subtraction	<ul style="list-style-type: none"> <li>• Subtraction of money Mainly change but include some difference (how much more have you got than me)</li> <li>• Subtraction of money Mainly change but include some how much have I left if I started with £37.28 in my purse and spent £18.98</li> <li>• Written subtraction, decomposition 4-digit – 4-digit.</li> <li>• Written subtraction, decomposition 4-digit – 4-digit.</li> <li>• Teach to do 3000 – 4673 then choose a method. – show children that 8574 – 3428 is decomposition but 8020 – 3428 is frog</li> </ul>
4	SHAPE	<ul style="list-style-type: none"> <li>• Revise 2-D shapes and 3-D shapes – categorise, describe and sort, be clear about difference between 2-D and 3-D and also how we can identify 2-D faces on 3-D shapes.</li> <li>• Revise 2-D shapes and 3-D shapes – categorise, describe and sort, be clear about difference between 2-D and 3-D and also how we can identify 2-D faces on 3-D shapes.</li> <li>• Describe properties of 2-D shapes, including classifying shapes as polygons or not</li> <li>• Describe properties of polygons</li> <li>• Quadrilaterals and Rectangles</li> </ul>

Week	Mathematics topic covered	Objective covered
5	Mental multiplication and division and Fractions	<ul style="list-style-type: none"> <li>• Revise all tables by teaching factors and multiples</li> <li>• Revise all tables by teaching factors and multiples - focus on division here</li> <li>• Division problems with remainders, teach rounding up or down cack to context</li> <li>• Fractions, equivalence and simplification, compare fractions with related denominators, simplify fractions using factors</li> <li>• Fractions, equivalence and simplification, compare fractions with related denominators, simplify fractions using factors</li> </ul>
6	Number, place value and Written multiplication	<ul style="list-style-type: none"> <li>• Place value in 4-digit and 5-digit nos, placing these nos on a line and rounding to nearest 10, 100, 1000</li> <li>• Place value in 4-digit and 5-digit nos, placing these nos on a line and rounding to nearest 10, 100, 1000, 10,000</li> <li>• Written multiplication Use grid to do 3-digit multiplied by a 1-digit number (this is to revise the concepts and place value)</li> <li>• Written multiplication: Teach short multiplication Use short multiplication to multiply a 3-digit number by a single digit number</li> <li>• Written multiplication: Teach short multiplication Use short multiplication to multiply a 4-digit number by a single digit number</li> </ul>
7	Mental multiplication and division and Written Division	<ul style="list-style-type: none"> <li>• Factors and multiples and divisibility:</li> <li>• Identifying primes including using the vocabulary of prime numbers and composite numbers.</li> <li>• Division above the tables using vertical layout chunking, Include remainders and rounding up and down acc. to the context</li> <li>• Division above the tables using vertical layout chunking, Include remainders and rounding up and down acc. to the context</li> <li>• Division above the tables using vertical layout chunking, Include remainders and rounding up and down acc. to the context</li> </ul>
8	Number, place value and Written subtraction	<ul style="list-style-type: none"> <li>• Place value in two-place decimals, including counting in 0.1s and 0.01s</li> <li>• Place value in two-place decimals, including adding multiples of 0.1 and 0.01</li> <li>• Subtraction of decimals, using Frog, First do <math>5 - 3.4</math> then <math>5 - 3.46</math></li> <li>• Subtraction of decimals, using Frog, First do <math>5 - 3.42</math> then <math>5.2 - 3.86</math> etc.</li> <li>• Subtraction of decimals, using Frog, all types.</li> </ul>
9	MEASURES/DATA	<ul style="list-style-type: none"> <li>• SI units – mainly conversion between units include <math>\times</math> and <math>\div</math> by 10, 100, 1000</li> <li>• Introduction to imperial units – Use commonly known things and equivalents (e.g. a packet of crisps is 3oz)</li> <li>• Relation between SI and Imperial in terms of household items or everyday practices.</li> <li>• Time – reading 24 hour clock and calculating intervals and using time tables,</li> <li>• Time – reading 24 hour clock and calculating intervals and using time tables,</li> </ul>

Week	Mathematics topic covered	Objective covered
10	Fractions	<ul style="list-style-type: none"> <li>• Introduce mixed numbers, turn improper fractions into mixed numbers and vice versa.</li> <li>• Compare and order fractions with related denominators using equivalence, e.g. is <math>14/5</math> larger or smaller than <math>1\ 3/10</math></li> <li>• Add fractions with related denominators using equivalences. With answers over 1, convert to a mixed number</li> <li>• Subtract fractions with related denominators using equivalences. With answers over 1, convert to a mixed number.</li> <li>• Mixed fraction problems and include some finding fractions of larger amounts.</li> </ul>
11	Mental and written addition and subtraction and Written multiplication	<ul style="list-style-type: none"> <li>• Revise mental addition and subtraction (PV and near multiples)</li> <li>• Written addition including using rounding to check (5-digit + 5-digit).</li> <li>• Written subtraction (5-digit – 5-digit).</li> <li>• Short multiplication 3-digit x 1-digit</li> <li>• Short multiplication 3-digit x 1-digit</li> </ul>
12	ASSESS AND REVIEW	

## Science

Materials' properties (database & investigation), rocks & soils, geology including melting rocks, gases around us, temperature, conductors & insulators, freezing & melting, evaporation, condensation, the water cycle, line graphs, dissolving, cleaning investigation, separating mixtures, reactions, rusting, earth in space.

## Geography

Rivers – all aspects of river features.

## History

Early Tudors. Special topic: Tudor explorers.

## Religious Studies

Where did the Christian Bible come from?

## French

Healthy eating

## Latin

Word patterns – masculine & feminine. Translation practice. Roman beliefs and practices, gladiators.

## ICT

Scratch, Publisher, PowerPoint, ECDL, database, Excel (line graph), data logging, video files, Adobe, science explorer, Moviemaker, interactive story.

## Art

Techniques & skills	Activity
<ul style="list-style-type: none"><li>● Drawing</li><li>● painting</li><li>● sculpture</li><li>● colour</li><li>● pattern/line</li><li>● Cross-curricular: history</li></ul>	<ul style="list-style-type: none"><li>● Collaborative artwork</li><li>● Autumn fold-out leaf pictures</li><li>● Plaster of Paris reliefs</li><li>● Giant tool paintings</li><li>● Tudor artwork</li><li>● Tudor rose artwork</li></ul>