



## Year 3 Spring Curriculum Information



### What we are learning at school

#### **Maths**

Geometry: Consolidating knowledge of 2D Shapes and their properties, including the calculation of perimeter.

Multiplication and division: Securing knowledge and fluency of 2,3,4,5, 8 and 10 x tables and their division facts.

Multiplication strategy, distributive and associative laws, worded problems, introduce the formal written method of multiplication

Statistics: pictograms and scaled bar charts. This will be linked to our science focus.

Fractions: ordering, comparing, adding and subtracting same denominator fractions, finding fractions of discrete and continuous quantities, problem solving with unit and non-unit fractions.

#### **English**

-First we will be studying the book *Journey* by Aaron Becker. This is a fantasy fiction story which will give children another opportunity to develop their language skills, text engagement and writing stamina.

-We will also be looking 'Atlas of Adventures' by Rachel Williams, which is an amazing non-fiction book!

-We will continue to develop our grammar skills, focussing on: conjunctions, clauses, subordinate clauses, prepositions, the present perfect tense, higher level vocabulary for description – adverbs, adjectives and figurative language.

### How you can help at home

#### **Visit**

Go for a walk along your local riverbank. What wildlife and plant life can you see? What is the surrounding environment like? What do you think it was like 100 years ago? How might it have changed over time?

#### **Read**

-Look at food packets / supermarket information. Where does your food come from? Can you help to locate the countries or counties of origin on a map?

-Any non-fiction books or websites about our Geography, Science, RE or DT units!

#### **Watch**

-Newsround. An excellent child friendly way of communicating current affairs.

-Child friendly cookery shows. Recent research has shown that children who watch cookery / food programmes make more healthy food choices. Here's an article discussing this:

<https://www.sciencedaily.com/releases/2020/01/200103141049.htm>

-Documentaries or programmes about our Geography and Science units.

-Play the numbers game on Countdown [Countdown Numbers Game \(happysoft.org.uk\)](http://happysoft.org.uk)

## **Reading**

*Reading will continue to have a high profile, exposing the children to a variety of fiction, non-fiction and poetry texts. Some of our reading texts this term will link with our Geography Rivers topic. We will use the reading domains as a focus for each lesson to practice children's comprehension, inference skills and vocabulary development.*

## **Science**

*Animals and Humans: Big Question – Why do diets differ throughout the animal kingdom? We will explore what makes a balanced diet and why different animals have different dietary needs.*

*We will also learn about the different types of skeleton, what the purpose of a skeleton is, the different types of joint in the human skeleton and how muscles work.*

*Light: Sources of light, reflective materials, how light travels, how shadows are created, darkness is the absence of light, an introduction of how light helps us to see - looking at the eye.*

## **Geography**

***Rivers**: Big question – The River: simply a body of flowing water or something much more?*

*Physical Geography: The journey of a river from mouth to source, brief introduction to the water cycle, how rivers are mapped – OS symbols, how rivers change a landscape, flooding and hazards,*

*Human Geography – Rivers and their usage – including change over time, surrounding land use.*

*Distribution of natural resources: Food – How far has my breakfast travelled before it got to my plate?*

## **R.E.**

### **Prayer, worship and reflection**

*We will show our commitment to being well informed, global citizens by understanding how Christianity, Islam and secular beliefs show prayer, worship and reflection.*

## **Talk about**

*-Books you read as a child. Have they stood the test of time? Will your child's favourite author be popular when they are your age? What do they think and why?*

*-Where does your food come from? Why does it grow well there? Talk about the origins of food.*

*- Talk about different religions and their places of worship.*

## **Try these websites for times tables support!**

**<https://www.timestables.co.uk/>** This site includes interactive exercises and tests as well as test printouts.

**<http://www.wikihow.com/Teach-the-Multiplication-Tables-to-Your-Child>** This site gives more useful hints on how to approach times tables.

**<https://www.topmarks.co.uk/maths-games/7-11-years/times-tables>** This site has a range of interactive games for both KS1 and KS2 to help develop the pace of times tables recall.

**Music**

*Linking to Geography Rivers.*

*We will look at 'Vltava' by Smetana, recognising how the music tells the story of the journey of this river. We will create our own short musical ideas for the different sections of the journey and perform them as a Rondo, with the repeating section representing the constant flow of the river. Our musical elements focus will be duration, tempo, texture and timbre. We will also look at examples of folk and popular music, which have been inspired by rivers.*

**Art**

*In Art, we are going to be creating our own photographs and exploring the use of perspective. We will also be learning how to modify a digital image.*

**French**

*In French we will learn about animals, members of the family and giving opinions about food.*

**Computing**

*Purple Mash: Spreadsheets and Branching Databases.*



## Year 3 Spring General Information



PE

-Our PE units this term are: table tennis, rugby, dance, hockey and gymnastics  
-Our PE days are:  
**Apple class** – Tuesday and Wednesday  
**Lilac class** – Tuesday and Wednesday  
**Cherry class** – Monday and Friday  
-Children to come to school in their PE kits on those days.

My Personal Best

At The Grove Junior School, the children learn about core values that we hope will guide their development and help them to become responsible citizens with high aspirations. This term our focus will be Co-operation, Reflection, self-discipline and empathy. In PSHE we will be focussing on Dreams and Goals and Celebrating Differences.

Homework expectations

**-Reading-** At least 3 comments to be recorded in their planners each week. Planners will be handed out every Friday with a reading focus and are to be returned by the following Thursday. Children will be able to choose a book from the classroom that they are to keep at home until it is finished. They will also have a library book in their tray at school.  
**- Spellings-** Children will be given spelling patterns to learn and practice each week at school and at home. Children to write sentences using their spelling words. Spellings will be sent out in their home spelling books every Monday and then they will be tested the following Monday as part of a dictation test.  
**-Maths-** Maths homework each week is on TTRockstars. Children can practice their times tables and improve their speed to win coins and compete against other classes.

Misc.

Class Email addresses:  
[apple@grovejm.herts.sch.uk](mailto:apple@grovejm.herts.sch.uk)  
[lilac@grovejm.herts.sch.uk](mailto:lilac@grovejm.herts.sch.uk)  
[cherry@grovejm.herts.sch.uk](mailto:cherry@grovejm.herts.sch.uk)