



Home Learning Week Beginning – 1.03.21

KS2 - Inventors

Weekly Maths Tasks

Mental Maths:

Play [Guardians – Defenders of Mathematica](#) on the BBC site.

Main Lesson:

Each day we will post a lesson linked to the objectives in the table below. There will be a warm-up task or game followed by a teaching input or a linked video and then some questions to complete. Learning is often extended with the opportunity to carry out an extension task.

Keep an eye on the clock and finish your maths learning after 60 minutes.

Spring 2:	Year 5	Year 6
Monday 1st	Draw Line Graphs	Circles
Tuesday 2nd	Line Graph Problems	Circles
Wednesday 3rd	Two-way tables	Calculate the mean
Thursday 4th	Timetables	Calculate the mean
Friday 5th	Problem solving task	

Weekly English Tasks

Reading:

Listen to any of the free audiobooks available on the [World Book Day](#) website.

Read your book and record a comment on your portfolio at least 3 x week.

SPAG skills- play the spelling and grammar games on the [Topmarks website](#)

Writing: We will be continuing to read the Rain Player and basing our writing tasks on this text. How will Pik fare against the Rain God, Chac?

Spring 2:	
Monday 1st	Diary entry
Tuesday 2nd	Predictions
Wednesday 3rd	Passive Voice
Thursday 4th	Newspaper article
Friday 5th	Spelling session- tial ending words

Science

We will be beginning a new unit next week when we're all back at school, so, this week, have some fun with one or more of these STEM challenges. (There are more ideas on the second page of this document.) Share your work on Class Dojo for us all to enjoy!

STEM Challenge Cards

Construct a zip wire or a similar thrill seeking experience for a chosen type of mini figure.

Competition – Which experience would have been the most thrilling for the mini-figure (i.e. the best compromise of excitement and safety)?



STEM Challenge Cards

Make a boat which floats successfully in a tank of water and can carry a cargo of at least one penny.

Competition – Which boat can carry the most pennies before it sinks?



Spotlight on:

This term we are learning about the Mayans and the landscape and culture of Central/South America.

History- Lesson 2- Mayan Religion and Gods - look out for the history video on Class Dojo to support your learning.

Story Star Challenge- have a go at the bookworm reading challenges on the [World Book Day](#) website.

Author Challenge- Can you design and make a book for a child in KS1 or for your younger brother or sister? Think about how you could create your book and the message of the book. Could you create 1-10 number book, or a book teaching them about the water cycle or healthy eating?

ART/DI- Create your own 'Potato Head' Book Character to share on the Class Zoom session later in the week. We will be having a game of 'Guess the Potato Head Book Character'.

Look out for other World Book Day mini-challenges which will pop up on Class Dojo throughout the week.

Remember to take time this week to be active, walking, cycling or playing outside!

STEM Challenge Cards

Set up a sequence of linked events so that an initial movement in your creation leads to another and then another.

Competition – Which sequence contains the most linked events?



STEM Challenge Cards

Make and design a device which can be used to tell whether or not an intruder has entered a room in an empty house.

Competition – When the designers of each device set up their equipment by a door, can they tell whether someone has entered or not?



STEM Challenge Cards

Design and make a desktop organiser.

Competition – Which would consumers buy if all of the desktop organisers were the same price?



STEM Challenge Cards

Create a catapult which can be used to fire a chosen projectile without the operator either touching the object or propelling it forward with their own power.

Competitions – Which catapult can launch the projectile the furthest? Which catapult is the most accurate when firing at a given target?

