**S.T.E.M – Science Technology Engineering and Mathematics (Maths, Science, ICT, D&T)**

Maths – Yr1 – count, read and write numbers in numerals to 100. Count in 5s. Identify 1 more or 1 less. Add and subtract 1 and 2 digit numbers to 20 including 0. Recognise and name 2D and 3D shapes. Compare, describe and solve practical problems for length and height and mass and weight. Measure and record cm/m and g/kg

Yr 2 – count in steps of 3 and 5 from 0. Compare and order numbers to 100 using <>=. Use number facts to 100. Add and subtract using a number line. Solve x and division problems using arrays. Compare and order cm, m, g and kg. Compare and sort common 2D and 3D shapes.

Science – materials – conduct experiments based on suitability of material for each animal on the broom.

Computing – write simple algorithms.

D&T – design and build a broom using materials sourced from science lessons.

**Autumn 2**

Curriculum Plan

Miller Class

**Language and the Arts (English, Art, Music, MFL, Humanities)**

English – Room on the broom

**Text level** – Learn and adapt an age specific story.

**Sentence level** – Writing in full sentences using a range of conjunctions. Build upon descriptions using noun phrases. Asking and answering questions.

**Word level** – Noting and using key phonics knowledge from phase 4 and 5 in spellings and the spellings of common exception words.

(Children are using the skills from last half term and are applying them with less adult input and more of their own motivation.)

History – Guy Fawkes and the gunpowder plot. What did he do? Why did he do it?

**2020 Value: *friendship and trust***

**The Whole Child (PE, RE and Collective Worship)**

PE – basic skills and ball control

RE – How should we live our lives? Why is Jesus important – His birth.

Collective Worship theme – Friendship

**Pastoral Care (PHSE/Citizenship, Play, Outdoor Space, Forest School)**

**Role play area- Potion workshop**

**Through our holistic afternoon we will provide opportunities to experience forest school activities and a wide range of ever changing extra-curricular pursuits.**

**Christmas**

The children will be learning songs and lines for our Christmas nativity ‘Born in a barn’. We will also be taking part in a whole school Christmas project involving the Nutcracker and a design technology focus on Christmas decorations. Ho ho ho.

**British Value - Friendship**