**Year 5 Summer Term Project Report 2017**

During this term, the children have been working towards answering the Essential Question of: **How can we use Wonka’s imagination to innovate?**

This has included:

English – Creating playscripts
 Investigating skills involved with playscripts
 Creating character dialogue in role
 Writing explanation texts
 Comparing explanation texts
 Investigating persuasive language and adverts
 Using persuasive devices to persuade people at the exhibition
 Using inference and deduction skills through the novel study
 Developing an understanding of character motive and personality to use in writing

Maths – Reading large numbers when discussing the number of robots in operation
Using measure and addition skills when measuring liquids in science
Classifying angle types
Drawing angles to plan a route
Measuring angles
Using scale representation in creating blueprint

Science - Separating mixtures
 Filtering materials
 Investigating dissolving and recovering of substances
 Creating an investigation to include certain characteristics of reversible and irreversible
 changes.
 Recognising reversible and irreversible changes

Computing - Investigating how computer networks work
 Labelling parts of a computer network and how they interlink
 Using Virtual Reality

Art - Using oil pastels to create an artists impression of a VR environment
 Investigating oil pastel techniques
 Drawing landscapes using oil pastels

D.T. - Creating blueprints for a future technology
 Designing technology with an end-user in mind set our from a brief
 Responding the feedback to make improvements to the original design

R.E. - Drawing on understandings of Christian lifestyles to create a future technology
 Thinking about the culture of Christianity

Geography - Using map skills to identify countries around the world

 Using OS maps to plot routes

History - Understanding chronology and investigating the history of robots

P.E. - Creating pieces of dance linked to our Novel

S.M.S.C - Showing consideration and respect for others’ beliefs

Secrets of To improve when we were artists and writers.

Success - To use imagination when creating blueprints for future technologies

 To understand others when deciding on a blueprint and their needs

**Experiences to enhance the learning have been:**

A visit to the Museum of Science and Industry in Manchester

Studying the Novel ‘Charlie and the Chocolate Factory’ by Roald Dahl.

The final project included a pitch to sell blueprints of an imaginary piece of technology to help the local church community experience the church service.

In addition to the projects running your child has also been taught ‘stand-alone’ lessons including Guided Reading, SMSC, P.E, Spelling, Punctuation and Grammar (SPaG) and French.

Mini Maths Missions have included: Fractions, Multiplication, Position and Direction, Measure (including time), Addition and Subtraction, Shape, Statistics and Algebra.