



Grand Designs Spring 1



Our Key Enquiry Question is...

What should we build and where?

Websites:

Phonics: <https://www.phonicsplay.co.uk/>

Computing: <https://www.barefootcomputing.org/>

Books:

Rosie Revere, Engineer; Ada Twist, Scientist; Iggy Peck, Architect

Places to Visit: Head outdoors in your local area; what do you notice about the buildings? Do they look like they have been around for a long time or do they look new? What different styles of housing can you identify? Flats, detached houses, terraced houses... the list goes on! See if you can use this challenging vocabulary to teach your family.

Challenges for Home: We would love to see the children fastening their own coats and tying their own laces at school. Please spend some time exploring this life skill that will help your children to be independent each and every day!

Please tweet us using the hashtags below if you see your child showing any of our Archibald qualities.

We will continue to teach the children how to make the right choices and be **#ResponsibleCitizens**

Through our creative curriculum, we will be **#HavingFun** whilst learning.

We will continue to inspire and develop **#ConfidentIndividuals**

Having fun, achieving excellence.

Successful learners. **Confident individuals.** Responsible citizens.

Key Dates and Reminders:

School reopens on Tuesday 4th January 2021. Please remember to send in reading books daily—the children can change these after three reads. Homework books should be returned every Tuesday. Please also ensure your child is wearing suitable PE kit on Mondays and Tuesdays.

Literacy

This half term, we will be focusing our attention on spelling, punctuation and grammar. We hope that by the end of this half term, **all** children will be secure with the previous Year 1 objectives of using capital letters and full stops in the correct places, as well as the prefixes and suffixes –ed, -ing, -er, -est and un– correctly. Supporting your children with this at home would be highly beneficial, so that they can begin to really focus on their new Year 2 objectives. We will begin to explore homophones and the spelling rules for irregular root words. For example, happy—happier, hop—hopped.

The children will spend time comparing and contrasting a range of stories. We will write for a variety of purposes this half term. We will write arguments for and against, newspaper articles, twisted fairy tales, and much more!

Numeracy

Our two main strands this half term are multiplication and division, and statistics. With regards to multiplication and division, we will recall the **2, 3, 5 and 10 times tables**. We will learn to use multiply (x), divide (÷) and equals (=) signs. Furthermore, we will discover that multiplication of two numbers can be done in any order (commutative) and division of one number by another cannot. We will solve problems involving multiplication and division, using objects, arrays, repeated addition, mental methods and learned facts. When we turn our attention to statistics, we will look at pictograms, bar graphs, tables and tally charts to both acquire and represent data.

PE *Having fun, keeping healthy and learning new skills...*

We will be developing our agility, balance and coordination skills through gymnastics. We will explore travelling, rolling and jumping in a variety of ways, before combining different elements to make our very own artistic sequences!

PSHE

In PSHE, we will think about our community to consider the question, ‘who are the people who help us?’ We will also explore the question ‘what do we use the internet for?’ to recap our knowledge around staying safe online. We will also spend time looking at our *No Outsiders* book, celebrating our differences and ensuring that everyone is welcome at Archibald.

RE *Developing respect, tolerance, understanding and knowledge...*

In RE, the children will learn about Judaism. The children will learn about the religion, beliefs and recap the festival of Hanukkah. They watch videos to learn more and compare different faith celebrations. We will celebrate World Religion Day and discuss our own faiths.

Music *Listening, appreciating, interpreting, playing, developing...*

We will develop our understanding of pitch, pulse and rhythm. We will learn the song ‘I wana play in a band’, using our voices and instruments to improvise & improve.

Computing

We will start the year by completing our Digital Literacy lessons, ensuring we know how to stay safe online. We will have a special visitor to help us explore Crumble and Sparkle.

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Science

We will be **identifying and classifying** everyday materials, and **re-searching** their uses and properties. We will explore the durability of different materials, as well as carrying out experiments to explore which materials would be best to use in certain scenarios. We will also **observe** how the shapes of solid objects made from some materials can be changed.

We will also **research** electricity, thinking about common appliances that run on it, before creating our very own simple series circuits. We can then use this skill to add lighting to our houses!

Art/Design Technology

We will use the story 'Tin Forest' as our stimulus in art. We will look at the difference between the tin forest and colourful jungle. The children will explore pencils of different thickness to build on their sketching skills and will also use the watercolour pencils to create shades.

We will also become architects! We will design, make and evaluate our very own houses based on a given criteria. We will have a guest judge come to appraise our hard work!

Grand Designs!

What should we build and where?

Observation over time, Identifying and Classifying, Researching, Fair Testing, Pattern seeking

History

This half term, we will consider **continuity and change**. Taking into consideration our local community, we will consider if it has always been as it is now. Were all these houses and shops always here? Were they always like this? This will build upon our historical understanding of Archibald from Year 1.

We will identify the developments over time by interviewing members of staff who have lived here their entire lives, and find out about their thoughts on what has/has not changed, and to what extent. If any of you as parents have grown up here and have photographs of the local community that you could talk about, we would love to interview you too!

Geography

This will be our main focus this half term., and it will form the basis of our DT work. The children will first explore and survey the types of housing in our community, before looking at housing around the world. From this, we will be able to compare and contrast housing around the world, and consider why different landscapes require different types of housing.

We will then use aerial photos and plan perspectives to identify various landscapes, recognise landmarks and other basic human and physical features. We will use all of this knowledge to plan and decide 'what to build and where' based on a given criteria!

We are looking forward to working with Architecture Workshops who will help us develop our understanding of structures.

Chronology, Cause and Consequence, Historical Significance, Continuity and Change

Location and Place, Cause and Effect, Planning and Decision Making, Change

Key Vocabulary

History

- Change
- Continuity

Geography

- Landscape
- House
- Detached
- Terraced
- Flat

Science

- Material
- Solid
- Liquid
- Gas
- Wire
- Bulb
- Battery
- Electricity
- Series

Literacy

Please discuss the following, how they look, and when to use them:

- Homophone
- Contraction
- Question mark
- Exclamation mark

Numeracy

- Array
- Commutative
- Multiplication
- Division
- Data

Key Stage 1

- *Can you read these words with a grown up and talk about what they mean?*
- *Do you know any similar words?*

Key Stage 2

- *Use a dictionary to find out the meanings of these words.*
- *Have you ever come across the words before in a different topic?*
- *Can you think of alternative words to use?*

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