

Year 2 Spring Upper Key Stage 2

Theme: Houses, Homes & Buildings

Topic: Amazing Architect



English Core Text:

Iggy Peck, Architect (Andrea Beaty)

Iggy has one passion: building. His parents are proud of his fabulous creations, though they're sometimes surprised by his materials—who could forget the tower he built of dirty diapers? When his second-grade teacher declares her dislike of architecture, Iggy faces a challenge. He loves building too much to give it up!

Supplementary texts:

Fiction:

Belonging (Jeannie Baker)

If I Built a School (Chris Van Dusen)

Non-fiction:

A world of Cities (Lilly Murray)

Awesome Engineering Skyscrapers (Sally Spray)

Architecture According to Pigeons (Speck Lee Tailfeather)

The story of buildings (Patrick Dillon)

Genres to cover:

*Expository: Reports (including non-chronological, historical, scientific or descriptive)

*Expository: Recount (including procedural)

*Persuasive: Advertising (including posters, leaflets, reporting for film, radio etc)

Science

Suggested activities: Explore the materials that buildings around the world are made from. Investigate the most suitable materials for building a bridge and put it to the test.

Foundation Knowledge: Begin to explain findings. Exploring the properties of different materials. Purpose and use of different materials.

Next steps: Identify and compare the suitability of a variety of everyday materials including wood, metal, plastic, glass, brick, rock, paper and cardboard for particular uses. Find out how the shapes of solid objects made from some materials can be changed by squashing, bending, twisting and stretching.

Design Technology

Suggested activities: STEM project – building bridges. Use wood, saws, hammers and other equipment to make and improve a bridge. Explore, design, make and evaluate bridges and their designs, features and joins.

Foundation Knowledge: Explore materials and experiment with construction and design.

Next steps: Generate, develop, model and communicate their ideas. Select from and use a range of tools and equipment to perform practical tasks. Evaluate their ideas and products against design criteria. Build structures, exploring how they can be made stronger, stiffer and more stable.

Maths (NSPPC Number Day- February)

Number:

Multiplication and Division

Number Bonds

Measures:

Length

Capacity

Mass

Foundation knowledge and next steps

Links Outlined on FHS Maths Progression Document

Geography

Suggested activities: Where in the world are famous landmarks, who uses them and what is their purpose. Create a fact file of famous buildings and landmarks around the world. Use a different country each week? Find out about famous bridges around the world.

Foundation Knowledge: Know about similarities and differences in relation to places, objects, materials. Compare/discuss similarities and differences between two or more countries (their buildings)

Next steps: Understand geographical similarities and differences through the study of human & physical geography through a region of the UK, Europe and North or South America.

Creative Arts

Suggested activities: Explore, listen to and recreate art and music from around the world (linked to buildings looked at in history).

Recreating art found in architecture with clay, sand etc. Sculpt a statue like those found on old buildings. Sculpture artists.

Foundation Knowledge: Embellishing/combing media. Talk about work. Learn about techniques used by artists.

Next steps: Use sculpture to develop and share their ideas, experiences and imagination. To develop techniques in using texture, shape and form. Know about great architects and designers in history. Appreciate and understand a wide range of high quality live and recorded music drawn from different traditions and from great composers and musicians.

History

Suggested activities: Medieval landmarks; castles, churches and cathedrals. Visit a medieval landmark. Compare old and new buildings. Visit two contrasting locations, e.g. Beverley/York and a new housing estate Or contrasting areas of Hull City Centre. Explore the construction of the Humber Bridge.

Foundation Knowledge: Know some similarities and differences between things in the past and now, drawing on their experiences and what has been read in class

Next steps: Know about events beyond living memory that are significant globally. Know about changes within living memory. Know about the lives of significant individuals.

RE

Suggested activities: Know about places of worship including building design. Events: Chinese New Year, Passover, Easter

Next steps: Places of worship.