

Year 2 Green Spring 1: Who Could Live in a House Like This?

School Value: Empathy – we understand that there are consequences to the choices we make

Topic Sticky Knowledge	
History	There are lots of different types of houses in Hounslow now: detached, semi-detached, terraced, bungalow and flats.
	Homes in the past had very different insides. For example, stately homes had parts just for servants and often didn't have plumbing or heating added until much later.
Science	Materials have different properties that make them suitable for different purposes. When choosing a material for a purpose, it is important to identify what properties are important.
	Wood is used to make buildings and furniture and for making fires and heating.
	Most of the paper or cardboard we use came from trees.
	Glass is a hard material that can be made in many shapes. It is used to make things like windows and bottles.
	Plastics are used to make many of the things we use in everyday life. They are used for toys, bicycle helmets, mobile phones, window frames and many other items use plastic.
	Lots of materials can be changed shape if they are flexible, squashy or elastic. However, some are rigid and stiff and cannot change shape.
	Often structures have a certain function, they are made to do something. e.g. Chairs are for sitting on.
Design & Technology	Some objects are natural, some are man-made. Natural objects occur in nature, like trees and webs. Man-made objects are things made by people.

Topic Vocabulary		
History	Modern	New, or up-to-date. We can describe items, homes and ideas as 'modern'.
	Era	A time period. At the moment, we are in the 'modern era'.
Science	Material	Any substance that has a name. For example, chalk, wood, glass, paper, metal, wax. Everything is made up of materials.
	Properties	The property of a material is something about it that we can measure, see or feel and helps us decide whether or not it is the best material.
	Suitability	A material's properties make it suitable for a job. Such as glass being transparent makes it a good choice for a window.
	Transparent	Can be seen through, like glass.
	Opaque	Cannot be seen through, like a screen or paper.
	Translucent	Cannot be seen through but you can shine light through, like tissue paper.
	Design & Technology	Structure
Stable		An object does not easily topple over.

Year 2 Green Spring 1: Who Could Live in a House Like This?

School Value: Empathy – we understand that there are consequences to the choices we make

Stand-Alone Sticky Knowledge	
RE	Prayer is the second most important pillar of Islam, and is the most regular compulsory action in a Muslim’s life. Through prayer, Muslims thank God for life and everything.
	Prayer helps develop self-discipline and helps Muslims put Allah at the centre of their lives.
	Prayer can take place anywhere as long as Muslims are in a clean place and have cleaned themselves beforehand (Wudu). Prayer also takes place at a Mosque.
	Muslims have a prayer mat and a compass so they can always find the direction of Makkah, which they need to face as they pray.
	Daily prayers or Salat should be performed five times a day. The times depend on the sun and so they change daily.
	Salat prayer times are dawn, midday, late in the afternoon, after the sun has finished setting and in the dark of night.
	The style indicators of rock are: heavily amplified guitar, bass guitar, drums, keyboard sounds and often male vocals.
Computing	Computers can be programmed to run the same code repeatedly, this is called repetition.
	Programmers frequently make mistakes – called bugs – and much time can be spent fixing these. By predicting what might happen first, we can spot bugs much more easily.
	A sprite is a graphical character in a program that can be given its own sequence of instructions.

Stand-Alone Vocabulary		
RE	Salah/salat	Islamic prayer and worship of Allah. Carried out 5 times a day at set times.
	Allah	The name for God in the Arabic language.
	Qur’an	The holy book of Islam revealed to the prophet Muhammad.
	Makkah/Mecca	City where the prophet Muhammad was born and where the Ka’bah is located.
	Ka’bah	A cube-shaped structure in the centre of the grand mosque in Makkah.
Music	Compose	Creating and developing music ideas and ‘fixing’ them.
	Melody	Another name for a tune.
	Dynamics	How loud or quiet the music is.
Computing	Algorithm	A sequence of precise instructions or steps (sometimes a set of rules) to achieve an objective
	Debug	Correct mistakes in a program or algorithm
	Output	Information produced by a computer – in this case, moving sprites on a screen, text and audio