Unit planner: What should the 4th little pig use to build his house?   Year 1   5 Weeks

Lead Subjects: Science, DT, Computing	Starter: Morpho from the 4th little pig		Outcome: Matt Hassall judges the best house
National curriculum subject **Science** Pupils should be taught to: Ask simple questions and know that they can be answered in different ways. Use observations and ideas to answer questions. Know the difference between an object and what it is made from. Identify and name a range of everyday materials including wood, metal, plastic, glass, water and rock. Sort and group materials based on what they are like. Research a famous scientist. **DT** Pupils should be taught to: Design a product (House) and communicate ideas through talk, drawing and mock-ups. Select from and use a wide range of tools and materials. Explore and evaluate different materials. Build structures and explore how they could be made better (stronger, stiffer, and more stable). **Writing** Pupils should be taught to: Write sentences by saying out loud what they are going to write about. Say sentences out loud before writing them. Write sentences, sequencing them to form short narratives. Discuss what they have written with the teacher or other pupils. Make simple corrections to their own work using a purple polishing pen. Read their work out loud. Sit correctly at a table and hold a pencil comfortably. Form legible letters using a cursive script if possible. **Computing** Pupils should be taught to: Recognise common uses of information technology in the home and school. Use technology purposefully to create digital content.	**Objective: Which is the best material?**		
	• Explore different materials – can we name any? • What's the difference between man-made and natural? • Explore properties of materials by testing (Investigation) •	• Material hunt around school	
	Objective: Did the 3 little pigs make good choices?		
	• What are the advantages and disadvantages of using straw, wood and bricks? • Create a structure using paper, straw or sticks	•	
	• **Objective: What happened to the wolf?**		
	• Can you add the 4th pig into the story? • Computing - Can you use a simple tool to manipulate an image? (Morpho) • Can you think of an ending for the wolf?		
	Science - Objective: Who is Charles Mackintosh?		
	• Can the children research a famous scientist? • What was he famous for? • Children use various sources to research a famous scientist • Padlet Lite to show what they learn.		
	Pupil lead learning:		
	• Design and make a house using any materials - homework	•	
	Reflection:		
	• Why did …..house win? What materials did they use?	•	

Text types:	Literature:	ICT:	Assessment Opportunities:
• Creative writing – The 4 little pigs • Letter asking or thanking the judge •	• The 3 little pigs • Three little wolves and the big bad pig • True story of the three little pigs • Let's build a house	• Morpho • Laptops/Ipads • Padlet Lite. • Seesaw	• Use of materials for design • Language used to evaluate materials Naming and describing materials