



Pinner Wood School



| Year Group | 2 | Term | Autumn 1 | Subject | Science | Topic | Materials |
|---|---|------|----------|---------|---------|----------------------------|---|
| | | | | | | Key Question | What are materials and how do we use them ? |
| Prior Learning and other Curriculum Links | Year 1 <ul style="list-style-type: none">I can tell the difference between an object and the material from which it is made.I can name a variety of everyday materials, including wood, plastic, glass, metal, water and rock.I can describe the simple physical properties of a variety of everyday materialsI can compare and group together a variety of everyday materials on the basis of their simple physical properties. | | | | | Skills statements | <ul style="list-style-type: none">I can name and group materials.I can identify and compare the suitability of a variety of everyday materials, including wood, metal, plastic, glass, brick, rock, paper and cardboard for particular uses |
| Fundamentals | <ul style="list-style-type: none">identify and compare the suitability of a variety of everyday materials, including wood, metal, plastic, glass, brick, rock, paper and cardboard for particular uses | | | | | Key Facts/Sticky Knowledge | <ul style="list-style-type: none">Objects are made from different materialsMaterials have different properties (features)Plastic is waterproofWood is rigid and hardMetal is strong and waterproofBrick is hard and rough. |

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| Our Curriculum Journey | <p>Stunning Start: We will begin by looking at a variety of materials and describing their properties.</p> <p>Journey: Children will plan and conduct an experiment to find out the best material to use for Little Red Riding Hood's cloak.</p> <p>Show stopper: We will design a house for Grandma from LRRH using appropriate materials and explaining why they are suitable.</p> | | |
| Key Vocabulary (revisited) | hard, soft, fluffy, rough, smooth, shiny, dull, light, heavy, harder, lighter, rougher, materials, wood, wooden, plastic, metal, glass, water, rock, brick, paper, predict, results | Key Vocabulary (new) | wood, metal, plastic, glass, brick, rock, paper, prediction, results, conclusion , transparent, opaque, translucent |