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| **Year Group: 1 Topic/ Title: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ Term: Autumn** **Knowledge, Skills and Understanding****Hook: Arrange a visit from a builder or ‘Bob the builder’ setting the children a task to find out all about materials for him/her and to tell them all about what they found out at the end of the topic – either they come back or children write (literacy link).** |
| **Science Skills**Everyday materialsChildren to:* Distinguish between an object and the material from which it is made.
* Identify different materials including: wood, plastic, glass, metal, water and rock.
* Describe the simple physical properties of a variety of everyday materials.
* Compare and group together a variety of everyday materials on the basis of their simple physical properties.
 | **Resources**Variety of materials: wood, plastic, glass, metal, water and rock. Also elastic, brick, paper, fabrics and foil.Hoops to sort objects into Examples of materials   **Key vocabulary**Hard/soft, stretchy/stiff, shiny/dull, rough/smooth, bendy/not bendy, waterproof/not waterproof, absorbent/not absorbent, opaque/transparent **Working scientifically:***Pupils perform simple tests to explore key questions; “what is the best material for an umbrella?” ….for lining a dog basket? ....for curtains? ….for a bookshelf? ....for a gymnasts leotard?* | **Creative Arts Links*** *Build a bridge with different materials to hold a weight.*
* *Create various structures for certain purposes.*
* *Perform a dance to demonstrate strength and structures.*
 | **Suggested Texts/ Reading Links***‘Let’s build a house’ By Mick Manning and Brita Granston**‘Through the tunnel’ Anthony Brown*  |
| **Humanities/ History*** Toys from the past- Changes within living memory, reveal aspects of change in national life
* Inventors –Lives of significant individuals in the past who have contributed to national and international achievements. (Brunel)
* Steam trains, bridges and tunnels.
 | **Resources*** Toys from the past – Victorian toys
* Modern day toys
 | **Enrichment*** Visit to a toy museum
* Visit from a builder to start the unit.
 | **Gifted and Talented*** Show an understanding of the changes in toy design overtime – ie: technology influence. Etc
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