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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 materials  Children 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 |