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| **SUBJECT: Science** | **YEAR: A** | **TERM: Autumn 2/Spring 1** | **YEAR GROUP: 1** |
| **KEY QUESTION: What are the properties of everyday materials?** |
| **PREVIOUS KNOWLEDGE** *We would expect most children to already be able to:* |
| **End of Unit Objectives** |
| *Some children will not yet have met what is expected and show they are* ***emerging*** *because they can:* | *Most children will show that they have reached the* ***expected****level because they can:* | *Some children will have gone beyond the expected level and show that they are* ***exceeding****because they can:* |
| What are the different Materials? |
|  I can identify and name two different materials.  | I can identify and name some different materials.  | I can identify a range of different materials.  |
| How can we distinguish between the object and what it is made from? |
| I can name specific objects and with support begin to suggest the materials which they are made from.  | I can name the materials which specific objects are made from.  | I can explain the difference between objects and materials.  |
| How can we describe the properties of different materials? |
| With support, I can describe how different materials look.  | I can describe how different materials look and feel.  | I can describe how different materials look and feel and can compare them.  |
| How can we test the properties of materials? |
|  I can test and identify which materials objects are made from.  | I can test different materials to see how they react.  | I can test materials to see how they react and begin to describe how and why this happens.  |
| Can objects be grouped by their properties? |
| I can sort objects by their properties.  | I can group objects together that have the same properties.  | I can group objects together that have the same properties and explain why I have grouped them in this way.  |
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| Scientific vocabulary |
| WoodMetalPlasticGlassPaper  | Opaque Transparent Translucent MaterialsProperties  |  |
| **ASSESSMENT OPPORTUNITIES – What are children aiming for?***Children will be able to demonstrate their learning through:** Questioning to gather deeper understanding
* Verbal responses
* Practical activities
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| **ENRICHMENT OPPORTUNITIES –****What can we give children along the journey to help them remember more?***We will endeavour to include:** Practical activities allowing the children to put what they have learnt into practice
* Quality videos / interactive games and quizzes
 | **CROSS-CURRICULAR LINKS –****What links can we make to help children make sense of what we want them to know and be able to do?***This itinerary fits with our other learning through:* |