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| Icon  Description automatically generated with low confidence | **Year 1 Knowledge Organiser - What would you wish for?** | | | |
| Subject: Science, identify and name a variety of everyday materials | | | Term: Autumn Term 2021 |
| **National Curriculum** | | **Vocabulary** | **Definitions** | **Research Opportunities** |
| In science we will:   * distinguish between an object and the material from which it is made * identify and name a variety of everyday 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 | | wood | the trunk and branches of trees | Research materials around your house Can you find something made of plastic, wood, glass, metal and rock in your home or garden? You might want to have a walk around your local area and research what the buildings are made from.  Why do you think they are made of certain materials?  Things to talk about ...  A picture containing clipart  Description automatically generatedWhich materials are man-made and which are natural? Can you describe the properties of fabric and glass and how they are different. E.g. Soft, bendy, flexible, hard, see through, transparent, water proof. |
| glass | hard substance you can see through, typically transparent |
| plastic | a synthetic man-made material |
| metal | a solid material which is typically hard, shiny |
| rock | the solid, heavy material forming part of the surface of the earth |
| water | a colourless liquid that forms the seas, lakes, rivers, and rain |
| **Stoke Hill Characteristics** | | **buttercup**  **blossom** | | **Oak Class are also interested in…** |
| **Critical thinking**  Why is it increasingly important for us to use recyclable materials?  What happens when plastic is recycled?  How does it happen?  How can we create a world that is more sustainable? | | How we can use recycled materials to create interesting artwork and models.  How we can reduce waste at school. |