|  |  |
| --- | --- |
| 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 houseCan 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. |