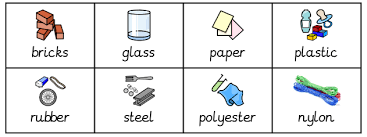
**Science Knowledge Organiser Year 2 – Materials – Good Choices**

|  |  |
| --- | --- |
| **Question for Learning;**  **Can you describe the object?**  **Key learning;**   * We use the word ‘property’ to describe what a material is like | **Grouping & Classifying** |
| **Question for Learning;**  **What material is it made of?**  **Key learning;**   * Some objects are made of more than one material, for example, a pair of scissors have metal cutting blades and plastic handles. | **Grouping & Classifying** |
| **Question for Learning;**  **Is that a good choice of material?**  **Key learning;**   * Glass is not a good choice of material for a jumper because it is rigid, transparent and breaks easily. Wool is a good material because it is flexible, washable and soft | **Observation over time** |
| **Question for Learning;**  **Which materials are good for toddlers dungarees?**  **Key learning;**   * Toddlers dungarees need to be hardwearing because they fall over a lot. | **comparative fair testing** |
| **Question for Learning;**  **What fabric will make a bedroom dark?**   * A variety of materials are needed to test fairly * They need to be ordered from the one that lets least light through to the one that lets most light through. | **comparative fair testing** |
| **Question for Learning;**  **What shall we use to make a teabag?**   * a good teabag needs to not be waterproof, that it needs to be strong even when wet, that it should be flexible enough and not absorb too much water | **Observation over time** |
| **Question for Learning;**  **Which is the bounciest ball**   * For some games the balls need to be able to bounce, for other games the bounce is less important * rubber balls are made from the same material as elastic | **comparative fair testing** |
| **Question for Learning;**  **What can you invent?**   * John Dunlop invented air-filled tyres | **Observation over time** |

**Key Words**

|  |  |
| --- | --- |
| **various** | of different kinds, as two or more things; differing one from another |
| **absorbent** | different types of materials which can soak up liquid |
| **waterproof** | Something that keeps water out is waterproof |
| **liquid** | substances that flow, and form a puddle if they are not kept in a container |