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| **Chacewater School – LEAP into Learning – Autumn 1 – Seedlings**  **Science: Everyday materials**  **Our enquiry: Which materials should the Three Little Pigs have used to build their houses?** | | | |
| https://cdn-icons.flaticon.com/png/512/2538/premium/2538036.png?token=exp=1645701022~hmac=a01a43d45841fc40ba345d4de65f8220https://cdn-icons.flaticon.com/png/512/2538/premium/2538036.png?token=exp=1645701022~hmac=a01a43d45841fc40ba345d4de65f8220What I might already know: I can name some materials and explain why they are used. | | | |
| **Everyday materials and their properties** | | **Vocabulary** | |
|  | **https://lh3.googleusercontent.com/L7IL5F9zYHVTgTQ1hiYp7kuiDj8iFESd2EtaNETc9V_ccgx3G1SMG6jRJ029i58nAirNexJK5ddpG7-qk5Wnsq0jx0mII31bD0A3zyhmPDBRrRvniys8_SyzYhVwTg** | **Hard**  Not easy to break  **Soft**  Easy to fold, cut or change shape  **Stretchy**  Can be made longer or wider without breaking  **Brittle**  Hard, but may break easily  **Shiny**  Reflects light easily  **Dull**  Not very shiny or bright  **Squashy**  Easily crushed or squeezed | **Rough**  Has an uneven surface  **Smooth**  An even surface with no lumps or bumps  **Bendy**  Can be bent easily  **Waterproof**  Keeps water out  **Absorbent**  Easily soaks up liquid  **Transparent**  Easy to see through  **Opaque**  https://cdn-icons-png.flaticon.com/512/775/775497.pngCannot be seen through |
| **Key facts!**   * You can tell different materials apart by feeling them. Are they hard or soft, flexible or stiff? * Materials are used for different reasons. Some materials are better than others for certain objects; for example, metal shoes wouldn’t be very comfortable to wear and a cardboard door wouldn’t be very strong! * An object can be made out of different materials used together; for example, a chair can be made from metal and wood. A pencil is made from wood and lead. | | **https://lh4.googleusercontent.com/qJeD_vGfIvEfHzl0SuHa0Nxx44N_vN3u29zBHBo4J3qMfP9QDF9CUClnZ425mMa1dFElpQzRqgb5zpaSb4-AVZpc2yKVe8fxvwOgsck4qp58sWA3tDki5tJCAKQkeghttps://lh5.googleusercontent.com/XKKBXJb59y9dlW-SRWgBy7Aq9JHH43QY_F1I0Z5MFve5HehG_dkJW_GWVrqpSkaYD-xZ7CISBvLr8fX76d9XN_T2adg95dyJQ6W63IZyr4IPdHWYkgJiWj_nfohhwAWhat we will be learning:**   * How to carry out an investigation to find out which materials would be the most suitable to build a strong house. * Testing materials to find out which ones are waterproof. * Observation overtime – what happens to ice if we leave it on the windowsill? | |