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| updated logo Badgers Class Medium Term Planning for Design Technology  Summer Term 1 2024 | |
| Topic: Explorers  D and T  Explore different transport methods of travel for explorers shoes/boots/wellies for walking, waterproof clothes, boats, planes, trains, cars, helicopters etc.  Make own, explore materials used | There will be specific planned opportunities to support the children’s progress in DT throughout the year.  DT will be continually developed throughout the curriculum through opportunities in continuous provision. |

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| **Lesson 1 Link it**  **Show knowledge of or explore how materials hold/absorb water**  Look at and explore a range of waterproof and absorbent materials, waterproof clothing  Which ones hold or do not absorb water?  Who let’s the adult engage with them?  How long do they engage for?  Plenary – Share pictures from the session.  Do children show preferences?  Do they know which ones are waterproof.  Do they experiment with different ways of interacting? | **Lesson 2 – Learn it**  Experiment with a range of materials to which will keep them dry – on hands, feet, head or on a doll/teddy/action figure. Which materials are good for explorers?  Support each child to use equipment and design their waterproof.  Plenary – Share photos from the session –What happened | **Lesson – 3 Check it**  Test different types of footwear to see if they are waterproof by wearing them or feeling inside before and after walking in water or having water poured on them. Which shoes/footwear are good for explorers? | **Lesson 4 – Show it and know it**  **Retest the shoes and sort them into waterproof and not waterproof or show preferences to wearing tested shoes/putting hands inside etc**  Plenary – Show our photos | **Lesson 5 Know it**  Using a range of photos from previous week children begin to remember.  What did they do by themselves.  Reset up fishing game and play demonstrating knowledge of what work  Is support still needed to engage?  Plenary – Show our photos | **Lesson 6**  **Link it**  Test a range of materials and objects suitable to make a boat. Do they float, sink, absorb water? | **Lesson 7**  **Learn it**  Find out which boats or floating objects move more quickly across the water. Have races and test individually |
| **Continuous provision throughout this half term:** | | | | | Access to Materials used in lessons to explore independently and during play times | |

Take the objectives for the LO stickers from this section

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| Substantive Knowledge (Content) | Disciplinary Knowledge (Skills) |
| * EYFS Children use what they have learnt about equipment and materials in original ways, thinking about uses and purposes. | * Use materials with purpose in mind,. * Create and evaluate simple models |

**Progression of Learning**

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| ‘Link It’ | ‘Learn It’ | ‘Check It’ | ‘Show It’ | ‘Know It’ |
| Previous learning of pupils   * What do we know, and can use from a range of materials | Activities provided during lesson  Resources  Learn to use equipment and resources | Independent activities linked to lesson  Resources  Explore water proof and not waterproof materials and items | How will the pupils share knowledge during or end of lesson  Share photos and results | Retrieve or generalization of learning after lesson  Remember what happened and make appropriate choices and show |