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| **Outdoor Education Plan** |
| **Lesson Focus – Seed dispersal and Tie Dye**  |
| **Year Group -**  | **Term -**  | **Date –**  |
|  | **Outline** | **Curriculum Links/****Learning Objectives** | **Health and Safety considerations** | **Equipment** |
| **Session Procedures** | **Before** - Check for rubbish, glass, hazards. Check weather forecast**During –** Wear Hi-Viz jacket. Road safety to get to the park**After** – clear everything away and return any natural objects to their original place**Clean hands.**  | Describe the life process of reproduction in some plants and animals Explore the part that flowers play in the life cycle of a plant, including pollination, seed formation and seed dispersal.  | Wash hands after touching outside objectsRemind the children about how sharp some sticks can be and to be careful of brambles and stinging nettles.Remind children to be careful not to let the sticks fly out of their hands and go in someone else’s eye.Gloves must be worn for both litter picking and gardening | Seed ID WaterBucketElastic bandsBlack berries POO pile game equip’ |
| **Introduction and Activity Opportunities** | **Indoors –** Discuss what seeds are.**Starter activity –** Play the Poo pile game 1. Three children with water, soil and sunshine cards spread out on the field
2. Two children are birds – they must tag the rest of the class and send them to the poo pile .
3. The rest of the children have to run around and collect one of each ticket until they are tagged (if tagged they have to go to the poo pile)
4. When the teacher shouts stop the children see which tickets they have – what do they need to have survived?
5. If they have water and sun they survive for a while – discuss if anyone in the poo pile will survive?

**Main Activity** * **Recap** – what are seeds for? How are the seeds created?
* The seeds that birds eat are often fruits such as?? blackberry, elderberry, rosehip..
* Collect some black berries and elder berries in the pot and squash them with very little water.
* What have you made? Dye
* By tying pieces of string or elastic bands (loom bands) around a square of material you can create ‘tie-dye’.
* Leave the material in the solution for a few minutes and when you take it out let it dry. Later undo the string and see the pattern that you have created.
 | **Vocabulary** |
| Seed dispersalFlowerSeedDyePollination  |
| **Plenary** | What other plants could you use for tie-dye?Have you noticed any blue bird poo around? | **Evaluation** |