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| **Outdoor Education Plan** |
| **Lesson Focus – Seed dispersal – dropping seeds, flying seeds and sticky seeds.** |
| **Year Group - Year 1, 2, 3,4 & 5** | **Term - One** | **Date – Week 26.9.16** |
|  | **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.** **Seeds are dispersed in different ways and the plant has adapted to its’ habitat.**  | 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/Tree ID POO pile game equip’Hi - Viz |
| **Introduction and Activity Opportunities** | **Indoors –** Discuss what seeds are and the part that they play in the life cycle of a plant. Put on Hi-Viz coats and wellies ready for the park – we have The Park Primary on our jackets so it is important that we think about how we represent the school. **Starter activity – (amphitheatre in the park)**Play the Poo pile game (a game of tag)1. Three children with **water**, **soil, poo pile** and **light** cards spread out in the area.
2. Two children are birds – they must tag the rest of the class and send them to the poo pile.
3. The children have to run around and collect one of each ticket from the water, soil and light until they are tagged. If they are tagged they must go and stand with the poo pile.
4. When the teacher shouts ‘stop’ the children see if they have water and sun to survive – discuss if anyone in the poo pile will survive? (they may well do better than those who didn’t because they are covered in fresh compost.

**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..)
* Other seeds are dispersed in other ways – can you name these? (water, wind, rolling, sticky to animals)
* Which types of seed dispersal can you find in the park – Identify the trees using the seeds.

**Remember no picking, licking, sticking (running with sticks); touching any dogs or cats; and stay inside the boundary where you can see the teacher.** * **If there is time then children can put a conker in water on their windowsill to watch it germinate.**
 | **Vocabulary** |
| Seed dispersalFlowerSeedDyePollination Wind dispersal, Drop Sticky  |
| **Plenary** | Why would different plants disperse their seeds in different ways?In Australia there is a tree which has pods that explode after a fire. | **Evaluation** |