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| **Outdoor Education Plan** |
| **Lesson Focus – Knowledge of Autumn – deciduous trees, planting bulbs** |
| **Year Group -**  | **Term**  | **Date – Week**  |
|  | **Outline** | **Curriculum Links/****Learning Objectives** | **Health and Safety considerations** | **Equipment** |
| **Session Procedures** | **Before** - Check for rubbish, glass, hazards. Check weather forecast**During –** Watch that children do not try to cut corners around the school grounds * Children must wear gloves for litter picking and planting

**After** – clear everything away and return any natural objects to their original placeClean hands using sanitizer.  | **I can understand how to plant a bulb.****I understand that some plants and animals are dormant in the winter.****Yr 5/6 – I understand that the seasons are the effect of our position to the sun.**Science* Propagation
* Tree ID
* Dormancy in animals and plants
* Sun, Earth and Moon

Art* 3D design
* sculpture

PSHE* Looking after our environment
 | 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 | Gloves/bagsTrowelsBulbsPine tree branches  |
| **Introduction and Activity Opportunities** | **Main Activity –** Understanding the significance of Autumn* **Recap** – **What are the seasons?**
* Discuss why the earth has seasons – earths’ proximity to the sun.
* Discuss what changes we expect to see on the next month?
* **First** we are going to do 20 minutes litter picking in the grounds, why should we do this? <http://www.bbc.co.uk/news/uk-wales-south-east-wales-29125880>
* **Second** We are going to plant a daffodil bulb in the school grounds – one between 3.
* Recap the gardening rules – gloves, tools sharp down, no running with tools, no hands in mouth, no flicking soil.
* How do **plants propagate**? (seeds) Also from roots (rhizomes) and bulbs.
* Can anyone think of any bulbs that we use every day (onion, garlic)
* Many plants have **bulbs** and can propagate through bulb or seed – show how the bulb will over time create new bulbs attached to it which can be separated and planted elsewhere.
* Talk about **germination** – look at different types on poster.
* Look at the daffodil bulb - locate the roots/sprout, which way up should it be planted?
* These bulbs like to be planted about 3 times their own depth in a sunny position.
 | **Vocabulary** |
| PropagationBulbsAutumnSeasonsEarth SunRotationYear |
| **Plenary** | **Plenary – Discuss autumn – look at pumpkin, onion, strawberries in garden.**  | **Evaluation** |