

Week Beginning 11.05.20
LOVE OF NATURE Home Learning Grid

Maths: Problem Solving

LED lights use a tenth of the power of halogen lights, saving £10 per light each year in energy costs. Count the number of light bulbs in your home. If they were all switched from halogen to LED how much could your family save on energy?



Reading:

SILVER LISTENERS

In Bristol an organisation has been developed where children phone the elderly and read a story to them. They are called Silver listeners and the children are called Silver Readers. Could you phone someone in your family and read them a story over the phone?



Physical Activity and Well-being:

Learn about what is in our local environment. Go for a walk with members of your household. Using the creepy crawly spotter sheet or spring flower spotter sheet tally or take photos of how many you can see and name? Spotter sheets attached.



Writing:

Write something inspired by nature. This could be a poem, story, fact file etc. Some themes to help you are:

- A tree has fallen in the woods
- The birds have gone missing
- An animal is shouting an alarm call
- There are some mysterious footprints to follow.



Virtue:

With unity we accomplish more together, than any one of us could alone. This week, while on your family walk, we challenge you to safely collect any litter you come across. You will need to use gloves and not touch anything sharp. Together we can achieve anything!



Speaking and Listening:

Whilst on your daily walk collect a piece of nature that will be your 'talking piece'- it could be a special stone, shell or stick that you find. Use it to take turns speaking, like we do in circle-time. You can talk about something important to you, your feelings about returning to school or make up a story by taking turns to add a line!



Art and DT:

Homemade tie dye using food scraps. Details and step by step instructions on the next page.



Maths

Butterfly symmetry art. All you need is paint and some paper. Simply splodge paint on one half of your paper and fold it in half so the paint spreads on both sides. Carefully open it up to reveal a beautiful butterfly. Or using pencils colour different shapes and your challenge is to get it identical on the other side.



Outdoor Learning:

Make a recycled bird feeder. Step by step instructions on the next page.



DIY tie dye using food scraps.

For this activity you will need adult supervision!

Any food that contains large amounts of tannins will work well for this activity. Choose items from the list to the right, please do not go out and buy new ingredients try to reduce, reuse, recycle and repurpose what you already have at home. Think outside the box, maybe you can improve some old stained tea towels, bedding, t-shirts, this will even work on white canvas shoes!

1. Add your food scraps to a pan, completely cover with water (not too much or the dye will be weak) add 1tbsp of salt and simmer for 1 hour.
2. Remove food scraps and allow the dye to cool down completely.
3. While making your dyes allow the items you want to dye to soak in salt water for 1 hour.
4. Remove the items from the salt water, ring out any excess water. The item should be damp but not dripping. Scrunch up you item to create your desired effect and secure with elastic bands.
5. Squirt your home made dye on the item you are dying. Combine colours and have fun!
6. Leave the elastic bands on your item and place in a plastic bag.
7. Leave your creation over night or for several hours for the colours to really settle in.
8. Now it's time to remove the elastic bands and admire your masterpiece, rinse in cold water and allow to dry. Now your item is ready to use or wear.

Foods that contain tannins and work well as dyes:

- Coffee
- Tea
- Spinach
- Avocado skins and stones
- Beetroot
- Red cabbage
- Black beans
- Turmeric
- Yellow onion skins (tried this one and works very well.)
- Cinnamon
- Most berries (ask an adult)
- Pomegranate
- Eucalyptus (make sure you ask before trimming any house plants)
- Acorns





Make a bird feeder from the bottles you would throw away. REUSE. RECYCLE.

You will need:

- Yogurt pots, plastic drinks bottles or milk cartons (make sure they are clean!)
- String/wire
- Bird Seed
- Scissors



STAY SAFE! DON'T DO THIS IF YOU ARE ALLERGIC TO NUTS. ASK AN ADULT TO HELP YOU WITH THE CUTTING OUT!

Step by step guide:

1. Cut a hole in the side large enough to allow a free flow of seeds, but in such a way that it won't all fall out on the ground in the slightest puff of wind, and won't get wet if it rains.
2. Make a few small holes in the bottom of your feeder to allow any rainwater to drain away.
3. Hang it with wire, or even strong string from a tree or your washing line.
4. Recycle if your feeder starts to fall apart or the food in it goes mouldy and make another one! Remember to keep your feeders well stocked, especially in winter. Birds come to rely on them and will go hungry if you forget.

