

Our Christian Family Value for this half term is ...

HOPE

When the world says, "Give up," Hope whispers, "Try it one more time."

- UNKNOWN

"Hope is being able to see that there is light despite all of the darkness."

Desmond Tutu

"Learn from yesterday, live for today, hope for tomorrow. The important thing is not to stop

questioning."

Albert Einstein

In the news there has been so much recently about the state of the oceans and world with regard to our plastic waste and use.

We'd like to introduce you to **ECOBICKS**

These are a great way of recycling all those plastics that CAN'T go into your green recycling bins/clear bags that the council collect.

The aim is to make as many as we can as a school and then we can create something long lasting with our

ECOBICKS

There is lots of information on Facebook **ECOBICKS** group and on the **ECOBICKS** website

www.ecobricks.org

WHAT DO I HAVE TO DO I HEAR YOU ASKING???? WELL>>>>>>>

1

styrofoam bags packaging straws cellophane

use only clean and dry plastic

Segregate, collect and prepare plastics of all kinds to make your Ecobricks.

2

Choose your brand of bottle of bottle carefully. What is most abundant in your community?

Having identical sized ecobricks will make building smoother.

3

Use a bamboo or wood stick to pack. Avoid metal, glass which can rupture the bottle. Avoid paper and food that will biodegrade.

no metal no glass no paper no bio

4

Use a coloured soft plastic to give the brick a bottom colour. This will make your ecobrick constructions colourful!

5

It is important to maintain high quality Ecobricks. Weigh your Ecobricks to ensure quality. Refuse low quality Ecobricks.

Suggested minimum Ecobrick weights:
1500ml = ~500g
600ml = ~200g

Minimum Ecobrick Weight = Bottle Volume x 0.33

0.33g/ml is a good minimum Ecobrick density with a maximum density of 0.7g/ml

Build!

Once you have enough Ecobricks you're ready to build. Ecobricks can build modules, gardens and structures.



Making an EcoBrick

- 1. Choose a clean, dry bottle**
We recommend starting with a simple-shaped bottle as it won't have any sticky areas (which if left un-filled leave weak or gaps). It must be clean and dry because any organic matter left in the bottle may decay, which could make the brick unstable and compromise the integrity of the build. Reuse for your filler plastics.
- 2. Collect your filler materials**
Any clean, dry, unrecyclable plastics can go in. Use soft plastics at the bottom as they will fill any uneven surfaces and prevent air gaps. It is wise to cut up harder plastics into smaller pieces so you won't be left with gaps. Care that they fit through the opening. Please do not put metal, glass, paper or biodegradable/compostable plastics in your bottle, or any organic materials.
no metal no glass no paper no organic materials
- 3. Create a stick and start filling!**
We recommend tapping the plastic down as you go with your stick (wooden spoon handle, broom handle, etc.) as it's much easier than doing so once the bottle is full. Mix hard and soft plastic as you go to avoid air gaps. Try squeezing your bottle; you shouldn't be able to if it's packed tight enough!
- 4. Weigh your bottle**
As a rule of thumb, the minimum density should be about 0.33g/ml. Double the ml of your bottle by 3 to find your target weight. If you haven't reached it, squish more plastic in! Then look for a building project in your area to donate it to.

We will collect them up throughout the half term with the aim to build something in school in the spring. However, you can carry on all year and beyond.