

St Barnabas' Church of England (VA) Primary School

Newsletter Friday 22nd May 2020

Each child is uniquely created and loved by God.

" www.st-barnabas.kent.sch.uk



Our **School Christian Values** are Aspiration Love, Trust, Perseverance, Reconciliation and Compassion.

This week



This week we have had science challenges during the week as part of our Science Week and we hope you liked the activities Mr Mackinnon devised – we would love to see some of your results.

The children in school have had some fun creating amazing sculptures and also finding out what happens when you add a Mentos to a fizzy drink with some very different results!



The sunshine has been glorious and hopefully you have been able to go outside. On one of my walks with my dog Samson, I passed a tree and all I could hear was some drilling or knocking on the wood. A few weeks later I stopped by the tree again and saw a woodpecker fly out and as I passed I could hear some chicks who were probably very hungry – unfortunately I can't speak woodpecker!!!

This led me to think about the word hope and in these challenging times hope is very important.... hope that the sun shines.... hope that we have a good day... hope to see our families... hope to be back at School.

We all have hopes and these positive thoughts are important to keep us going and reflect on when times are hard. I always say to the children in our Acts of Worship that the one of the most important things is our smile and the hope that they bring.

This week the Christian Church celebrated Ascension Day and it is traditionally celebrated on the 40th day after Easter Sunday. Fr. John is leading Mass every day at 11am and you can find the link on the St Barnabas Church website.

How does a Leaf Breathe?

You will need:

- Glass bowl
- Fresh leaves (just removed from the tree)
- Water
- Small stone
- Magnifying glass (optional)

1. Cut a green leaf off a plant or tree. You will need fresh leaves and not leaves picked off the ground.
2. Add lukewarm water to a glass bowl.
3. Place the leaf in the water and put a small stone on top so the leaf is fully submerged.
4. Put the bowl in the sun and wait for 2-3 hours.
5. Watch as little air bubbles form on the top of the leaves. If have difficulty seeing the bubbles, use a small magnifying glass!



THE SCIENCE

Plants help us breathe by taking in carbon dioxide (for photosynthesis) and letting out oxygen through their leaves - plant respiration. The leaf uses sunlight during photosynthesis which is where the plant converts the light energy into chemical energy or food for the plant. During photosynthesis, the leaf gets rid of what it doesn't need which is extra oxygen and water.

This oxygen is the bubbles that you see.

   @MrsBpriSTEM

Rainbow in a Jar

You will need:

- Skittles
- Glass jar (or glass)
- 5 separate cups
- Water
- Pipette or syringe
- Mug



THE SCIENCE

1. Separate the Skittles into the cups in these amounts: 2 red, 4 orange, 6 yellow, 8 green, and 10 purple.
2. Heat a mug of water in the microwave for a minute and a half (or long enough that the water is hot - but not boiling).
3. Measure and pour two tablespoons of hot water into each cup on top of the Skittles.
4. Stir each cup then leave to cool completely, stirring every so often.
5. Using the pipette or syringe, carefully add the colours to the jar (starting with the purple and working up). Slowly squirt the liquid down the side of the jar to add it so the colours don't mix.

Skittles are mostly made of sugar. When you add hot water to them, the sugar dissolves and the colouring on the shell of the Skittles turns the water different colours. The cup with only two red Skittles doesn't have as much sugar as the cup with ten purple Skittles but they both have the same amount of water. The amount of matter packed into a certain amount of space causes density. The red water is less dense than the purple water so it will float on top.

   @MrsBpriSTEM

Contact Details

During this challenging time do keep in touch with us:

School website: www.st-barnabas.kent.sch.uk

Facebook: St Barnabas School PTFA.

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Headteacher@st-barnabas.kent.sch.uk

School Family Liaison Officer– Dave: 07966190428

St Barnabas Church– Fr John Caster: 01892 525656

stbwells@outlook.com

Something to think about.....



What makes you, you?

If you need any support or guidance relating to the home schooling of your child, please contact us using the relevant class email address:

acorn@st-barnabas.kent.sch.uk

willow@st-barnabas.kent.sch.uk

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maple@st-barnabas.kent.sch.uk

chestnut@st-barnabas.kent.sch.uk

lilac@st-barnabas.kent.sch.uk

oak@st-barnabas.kent.sch.uk

God our Father,

Through your power and inspired by the Holy Spirit, Saint Barnabas spread your word and encouraged others to follow Jesus our Lord.

By your strength, and through his prayers, may our school always be a sign of Jesus' presence among us.

We ask this in the name of Jesus, who lives with you and the Holy Spirit now and for ever.

Amen

Any more takers for our digital talent show?

With best wishes and keep safe.

Moirá Duncombe

@StBarnabasSchoolTW