

### **Fun Facts**

Cutting onions releases a gas which causes your eyes to sting. Your body produces tears to dilute the irritant and get rid of it as quickly as possible!

Honey is the only food humans eat that will never go off. It may change colour and texture as it crystallises, but it will remain safe and delicious to eat. Edible honey has been found in ancient Egyptian tombs!

Liquids, gases and solids can all be mixtures. Milk, concrete and salt water are all common examples of mixtures found in our everyday lives.

Chicken blancmange and porpoise porridge are two of the recipes listed in the world's oldest known recipe book. It was written by the chefs of King Richard III's court over 600 years ago!

Samsam Bubbleman (real name Sam Heath) is the creator of the world's largest free-floating soap bubble, but he keeps his recipe a secret. He says, 'With the right stuff you can make big bubbles with anything - a coat-hanger or even just your hands.'

The melting point of chocolate is around 36°C. Liquid chocolate... yum! The melting point of pure ice is 0°C - that's freezing!!

The Isle of Muck is a small island off the west coast of Scotland. With its neighbours, Eigg, Rum and Canna, it is one of the Small Isles.

Mr Messy is the messiest man in the world. When he eats his breakfast, he spills cornflakes all over the table. He has never cut his grass and his house has broken windows!

**Can you find more of your own ?**

# **St. Botolph's CEP School Year 2 TOPIC Autumn 2018 Muck, Mess and Mixtures**



**OVERVIEW**— Let's get messy! Dive in and get your hands and feet all sticky and gooey. Play with liquids, squish some dough and check out the slushiest and mushiest foods. Pour, mix, stir and splat! Let's make messy mixtures!

**ENGLISH:**

Our main focus text for this term will be Roald Dahl's *George's Marvellous Medicine*. We will use this text to write ingredients for our own marvellous potions, learn about the dangers of medicines and teach aspects of SPAG. This will lead nicely in to Dahl's *Revolting Recipes* where we will follow recipes to make our own revolting dishes. As a class we will make a cookbook of revolting recipes. We will also focus on writing food riddles and acrostic poems thinking carefully about word choice.; and write simple narratives and dialogues based upon stop motion animation which will be our focus through Computing.

**MATHEMATICS:** This term the children will be learning to recognise the place value of each digit in a two-digit number. We will learn to compare, order and estimate numbers to a hundred. The children will learn to add and subtract two-digit numbers using concrete objects and pictures. We will find out that addition of two numbers can be done in any order and subtraction of one number from another cannot. At the end of the term we will be using the inverse operation to check answers to addition equations ( $12 + 5 = 17$  so  $17 - 5 = 12$ ).

**PE/GAMES**

Our PE lessons on a Wednesday will focus on Dance and we will be performing movements to show ideas, emotions and feelings. Our Games lessons will be on Fridays. These lessons will be outside so please provide a tracksuit and trainers. Please note no earrings are to be worn on PE days.

**TOPIC WORK**

**Science:** Our work in Science will be investigating everyday materials and how these can be changed when mixed with water. We will also investigate which soap products make the foamiest, longest-lasting bubbles. Through further practical investigations, we will observe the melting process and discuss changes that occur to some materials. Our work in science will be practical with the emphasis on making predictions and asking questions prior to finding ways to investigate.

**Art & Design:** We will use marbling inks to experiment with colour and ask what happens when ink is mixed in with water? We will look at 'Food Landscapes' created by a famous artist Carl Warner and then make design and make our own food landscapes. We will also investigate a range of art mediums to create our own pieces of art work.

**D&T:** Through Food Technology we will sort healthy and non-healthy food items discussing what makes something healthy. We will also make our own dishes observing changes to the melting and freezing process.

**Computing:** We will create our own 'dough ball animation' using stop-motion and use Word Art for work linked through English.

**RELIGIOUS EDUCATION and PSHE**

In RE the children will learn about the Creation story and what it tells Christians about God, Creation and the world. We will learn that Harvest is a time when we say thank you to God for all he provides for us.

In PSHE we will learn about different feelings and how we can help ourselves and others when we are scared or upset. We will discuss how we can make our school a safe and fair place for everyone.