

Dear parent/carer,

I hope you're well and that your child is interested in joining the science club this Autumn term 2020 at Grasmere Primary School.

It will be for children attending **years 3 and 4** will take place on **Wednesdays from 3.30 to 4.30pm**.

The tutor will meet the children at the Year 4 classroom and will give them a few minutes to eat, drink and use the toilet before the class starts.

We always recommend that the parents provide a **light snack** to eat before the class, to improve the children's concentration. Please avoid sugary treats and any food that may contain nuts and remember that the children are not allowed to share any food.

The tutor will take the children to the KS2 playground where they will be **collected by the parents at 4.30pm**. Please make sure you collect your children on time, as the teacher will have to tidy up the room after that and leave the school on time.

The use of **cotton lab coats** is advisable. I don't sell them but can recommend the company where I buy mine from: Food Safety Direct. They cost around £10 + delivery but feel free to choose any other company you may prefer. Safety goggles and gloves will be provided by us whenever necessary.

The fees for this term are **£9.5** per child per class (**£8.5** for siblings) and there will be 11 classes this term, so the total will be **£104.5 (£93.5 per sibling)**.

**The club will only go ahead if there is a minimum number of registrations by this Sunday, 20th September. The fees will be requested to be paid in advance, but only when all the registrations are confirmed.** The maximum number of children attending it will be 12, as before.

If there is enough interest, **we may also open a club on Thursdays, for Years 1 and 2**, so please contact me if you're interested. **The experiments for Y1+Y2 may be the same as the ones for Y3+Y4** but the classes will **be slightly different**, adapting them to the children's age, knowledge and language.

If you wish to book or have any questions, please don't hesitate in contacting me at: [info@kidswithbrains.co.uk](mailto:info@kidswithbrains.co.uk).

Thank you very much,

Ana Catarina Pires, founder of Kids with Brains.

**Science club: Autumn term 2020 for Y3+Y4  
on Wednesdays at Grasmere Primary School**

Sessions	Dates	Experiments
1	23 Sept	<b>Introduction to science club:</b> the children will be told what experiments will be done during the term and what are the rules of the club. <b>Kitchen science:</b> the children will use their senses to identify different ingredients and will make sherbet with some of them. They will learn why it fizzes in their mouth and will take home a small bag with a lollipop to try it.
2	30 Sept	<b>Acids and alkalis:</b> the children will change the colour of several liquids by using a natural indicator: red cabbage juice.
3	7 Oct	<b>Volcanoes and wizard's brew:</b> the children will learn more about volcanoes and will "erupt" some of them. They will do this by using ingredients we have in our kitchens that when put together can create a chemical reaction. They will also add food colouring and glitter to their measuring cups to create a foamy mixture called wizard's brew.
4	14 Oct	<b>Balloon race:</b> the children will combine different ingredients in order to compare their results. They will blow up balloons by using a chemical reaction and each child will take home a brand new balloon of their choice.
5	21 Oct	<b>Elephant toothpaste:</b> the children will create an impressive chemical reaction while learning more about catalysts that speed up reactions.
6	4 Oct	<b>Colourful scented soaps:</b> the children will make (and take home) several mini soaps, after learning more about their importance in our personal hygiene.
7	11 Oct	<b>Playdough:</b> the children will make their own playdough with everyday ingredients we have in our kitchens, while learning more about why cooking and science are related. Each child will take a piece home.
8	18 Nov	<b>Sink or float?</b> The children will make predictions about what objects and materials will float in water and on other liquids and will test them to learn more about density and buoyancy. They will take a bag home with some objects to repeat the experiment if they wish to.
9	25 Nov	<b>Colourful layer density tower.</b> The children will work together to create density columns with some liquids while learning more about density.
10	2 Dec	<b>Lava lamps.</b> The children will make lava lamps (to take home) while learning more about density and viscosity.
11	9 Dec	<b>Goopy slime:</b> children will make and take home a piece of slime, while learning more about polymers around us and their characteristics

**Notes: Covid-19 information: We are following the government's guidance for schools and each school's own guidelines.** The tutor will use a visor and/or mask as required and everyone will disinfect their hands before and after the club. Due to the nature of the club, some material will be shared among the children (within their own group) but everything is washed with water and soap before and after the club takes place.