

Science club during Autumn term 2019 at Grasmere for Years 3,4 and 5

The club will take place on Wednesdays (not Tuesdays as before) from 3.45 to 4.45pm

| Sessions | Dates | Experiments |
|----------|---------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 1 | 11 Sept | Introduction to science club: children will be told what experiments will be done during the term, what are the rules of the club, list of material and how to use and safety procedures. Kitchen science: 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 dip it in |
| 2 | 18 Sept | Acids and alkalis: children will change the colour of several liquids by using pH strips and a natural indicator: red cabbage juice |
| 3 | 25 Sept | Volcanoes and wizard's brew: Children will learn more about volcanoes and will "erupt" some of them by using a simple chemical reaction with ingredients we have in our kitchens. They will also mix other colours and glitter to create a more impressive result |
| 4 | 2 Oct | Experiments with balloons: using chemical reactions to blow up balloons that children will take home, among other experiments |
| 5 | 9 Oct | Elephant toothpaste: children will combine several ingredients to create an impressive chemical reaction and learn more about catalysts that speed up reactions |
| 6 | 16 Oct | Colourful scented soaps: each child will make and take home a soap after learning more about the role and importance of soaps in our personal hygiene |
| 7 | 30 Oct | Play dough: 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. |
| 8 | 6 Nov | Sink or float? The children will make predictions of what objects will float in water and other liquids and will test them to learn more about buoyancy. |
| 9 | 13 Nov | Layer density column. The children will work together to make density columns and learn more about density. |
| 10 | 20 Nov | Lava lamps. The children will make lava lamps that will take home and with learning more about density and viscosity |
| 11 | 27 Nov | Fake snow: children will see what's inside nappies that makes them so absorbent. They will make fake/instant snow and will grow hydrogel beads/orbeez while learning more about materials that absorb water and why they are so useful for us |
| 12 | 4 Dec | Goey slime: children will make and take home a piece of slime, while learning more about polymers around us and their characteristics |
| 13 | 11 Dec | Experiments to be confirmed in September |

Please note that the order in which the experiments will take place may change.

Dear parents,

Hope you're well and that your child/ren is/are interested in joining the science club in the Autumn term 2019. Please see more information about the club as well as the **terms and conditions**.

If you wish to get a seat please email me directly at : info@kidswithbrains.co.uk .**Once your booking is confirmed by me, by email, a £60 deposit should be paid by Friday, 19th July to the bank account below.** Failure in doing so will result in your seat being given to a child on the waiting list.

Regarding **payments**, please see the bank details below and make sure your reference is as clear as possible (Ex. Adam Grasmere Y3). Also, **please send me an email to confirm** the payment was done, so that I can double check as there are other clubs at other schools.

Account name: Ana Catarina Pires (trading as Kids with Brains)

Account number: 50620599

Sort code: 204660

The price is **£10** per class (**£9** for both siblings) and as there will be 13 classes this term, the total will be **£130 (£117 for both siblings)**. I will email you in the beginning of the term to invoice you for the remaining amount. I do not accept cash or cheques and it is very important that the payments are always done by bank transfer, so that I can track everything more easily.

I won't be doing the classes on the Autumn term 2019 myself, but you will be in very good hands with the new teacher, Cecilia, who has been trained over the last year and who has been running science camps with me over the holidays.

Every term will have different experiments, so your child can do a whole year of science club without repeating experiments.

You will be sent a booking form to be filled and returned in September, before the club starts, so that we can have more information about your child, including allergies, fears or concerns.

The use of cotton lab coats is advisable. I don't sell them but can recommend the company where I buy mine from and they cost around £10 + delivery costs. It's called Food Safety Direct.

If you have any questions, don't hesitate in contacting me.

Thank you very much,

Ana Catarina Pires, founder of Kids with Brains