

Dear parent/carer,

I hope you're well and that your child is interested in joining the science club this Autumn term 2020 at Saint John's Highbury Vale.

The club for **years 3 and 4** will take place on **Mondays**. Please find below more information about it.

The children will be collected from their classrooms by the tutor and led to Year 4 classroom. They will be given 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 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.

I won't be running the classes myself, but you will be in very good hands with the tutor **Cecilia**, who has been doing science club for over a year now. Every term will have different experiments, so your child can do a **whole year of science club without repeating experiments**. **The experiments for Y1+Y2 are the same for Y3+Y4** but the classes will be **slightly different**, adapting them to the children's age, knowledge and language.

The fees for this term are **£10 per child per class** (£9 for siblings) and as there will be 10 classes this term, the total will be **£100 (£90 for each sibling)**.

Please contact me after you book your online seat, so that I can send you an online **booking form** to be filled before the club starts. The purpose is to have more information about your child, including allergies, fears and/or any concerns we may need to be aware of. Your information will be stored and managed according to the General Data Protection Regulation (**GDPR**).

If you have any questions, please don't hesitate in contacting me at: 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 Mondays at Saint John's Highbury Vale**

Sessions	Dates	Experiments
1	21 Sept	<p>Introduction to science club: the children will be told what experiments will be done during the term and what are the rules of the club.</p> <p>Kitchen science: 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.</p>
2	28 Sept	<p>Acids and alkalis: the children will change the colour of several liquids by using a natural indicator: red cabbage juice.</p>
3	5 Oct	<p>Volcanoes and wizard's brew: 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.</p>
4	12 Oct	<p>Balloon race: 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.</p>
5	19 Oct	<p>Elephant toothpaste: the children will create an impressive chemical reaction while learning more about catalysts that speed up reactions.</p>
6	2 Oct	<p>Colourful scented soaps: the children will make (and take home) several mini soaps, after learning more about their importance in our personal hygiene.</p>
7	9 Oct	<p>Playdough: 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.</p>
8	16 Nov	<p>Sink or float? 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.</p>
9	23 Nov	<p>Colourful layer density tower. The children will work together to create density columns with some liquids while learning more about density.</p>
10	30 Nov	<p>Lava lamps. The children will make lava lamps (to take home) while learning more about density and viscosity.</p>

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 as required by this school 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.