



# HANDS ON INTERACTIVE & FUN!



## Science & Engineering Club

An exciting new science & engineering after school club for children in London.

Our activity club promotes fun and interactive learning through S.T.E.A.M. We pride ourselves on providing children a safe environment in which they can have fun as well as learn new things every day. We understand that children learn better in an interactive environment, therefore we have developed this club to meet this exact need. Where children are bound to no limits and take learning to the next level, whether it be in chemistry experiments, testing physics concepts or building something to take home and show their families!

As a school we understand how important it is to constantly provide students with challenging and inspiring avenues that allow them to be pioneers of the future. We are certain our club will be an asset to your school facilities.

- We have been successfully operating in schools in London for the past year with outstanding reviews by parents, children & schools.
- We run our sessions in 2 groups; Yr1-2 & Yr3-6 where the activities are adjusted to each age group.
- The sessions are 1 hour & all resources are provided by ourselves.
- We have a maximum capacity of 20 children per session with a minimum of 2 instructors per session.

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#### LFR

Light following robot is an excellent introduction to robotics for the yr 3-6 group where we build a robot using a breadboard that follows light.

#### ROCKET

We launch several different types of rockets, whilst discussing aerodynamics & air pressure



#### SLIME WORMS

A different take on slime with this experiment that teaches children about molecules & polymers



#### FOAM ERUPTION

Just one of the exciting chemical reaction experiments we have in our sessions; testing the reaction between acids & bases.



#### BOO BOO BUBBLES

A real crowd pleaser! We make fog filled bubbles and dive into the world of molecules!



### LOBSTER CLAW

Making this lobster claw is tremendous fun, where we introduce the topic of pneumatics & hydraulics.



#### ZOOM CAR

All year groups will love this rubber band powered car where we learn about propellers & potential energy







#### BUZZ OFF

A hands-on activity for the yr3-6 group whereby they make a classic wire game in a circuit's session.



#### CLAW GRAB

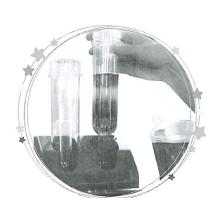
An interesting activity for the Yr3-6 group to introduce the physics theories of energy..



#### **BUG BOT**

Our buzzing buddies are always a favourite with each year group, we learn about circuits with this amazing vibrating robot bug.

A classic activity that is a favourite amongst all our year groups, we engineer a catapult device in our



#### CHAMELEON

Our little hands will get an insight into a real-life lab experience with our chemical reaction experiments that change colour right before their eyes!



MAGIC CAR

CATAPULT

physics session

All year groups will love building this car that explores the magic of magnets.



#### DIGGER

This is a challenging & fun activity for our Yr3-6 group in which they make a digger to learn about pneumatics & hydraulics.

Just a glimpse into some of the fun & educational experiments & activities children will experience at our club.

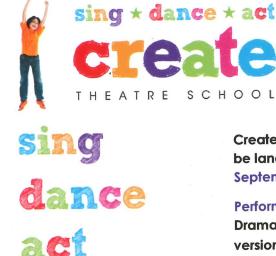
We ensure that in each term children experience a new programme so they are not repeating what they would have done the previous term!

The activities listed are not in chronological order and maybe subject to change or adjustment during the course of the school year.

The images shown are for demonstration purpose, actual projects may differ in appearance or presentation.







Create Theatre School is excited to be landing at Firs Farm School!!! September 2024

#### Performing arts club

Drama, singing, dance, work towards mini versions of your favourite musicals!!!
Thursdays 3.30-4.30
Years 1-3

www.createtheatreschool.co.uk

Booking will be through the school.