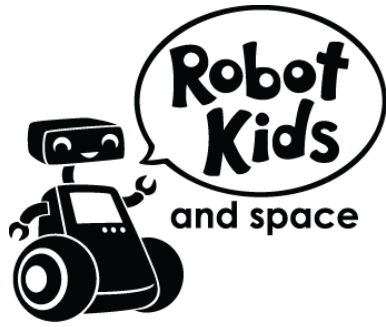




24<sup>th</sup> June 2024

Tel Home: 01329 239363  
Mobile: 07527 281454  
E-mail: lizstoneham@yahoo.co.uk

## Robot Club on Monday Lunchtime for Year 6 in Autumn Term 2024

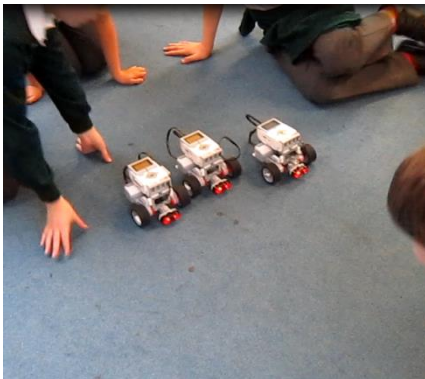
Dear Parent / Guardian,

I am thrilled as I will be coming into Castle Primary to offer Year 5s, soon to be Year 6, the opportunity to attend Robot Club in the Autumn Term 2024.

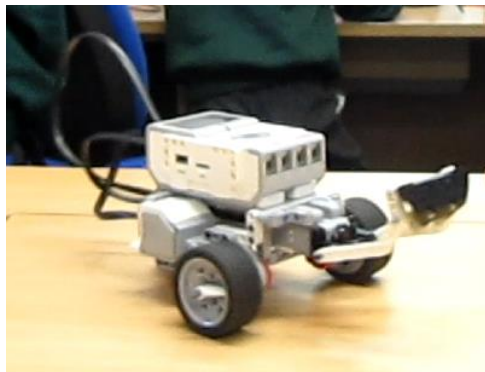
Robot Club will be held on Monday lunchtime starting on Monday 9<sup>th</sup> September finishing 2<sup>nd</sup> December (less Residential on 21<sup>st</sup> October and half term). Robot Club is an exciting, educational, and fun way to learn computer programming.

The club involves building and programming a 'Robot' with Lego. The children use logical thinking and algorithms to write instructions using the EV3 Mindstorms software programme. Then, using the Control Lego interface, the programme is downloaded, and the robot follows the instructions using motors and sensors such as light, colour and ultrasonic. Children (and adults) love it!

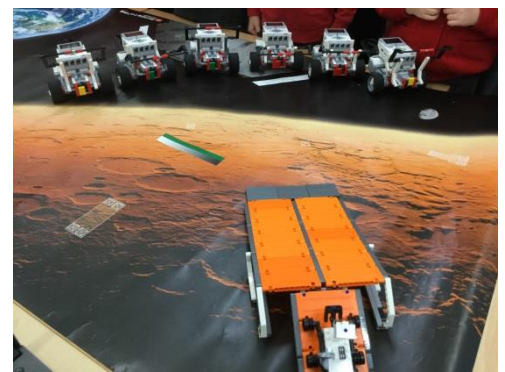
There will be EIGHT Lego EV3 Robot Kits at the club with a maximum ratio of 1:2 robots to children. Here are photographs of activities in the club.



*EV3 Robots with Ultrasonic Sensors*



*EV3 Robot with pick up accessory*



*Space Challenge to Rescue the MSL Rover using the EV3 Robot with Pick up accessory*

Sessions for the club in the Autumn term 2024 will run as follows:

- Monday lunchtime 12.10pm to 12.55pm
- 11 sessions starting 9<sup>th</sup> September to 2<sup>nd</sup> December (less Residential on 21<sup>st</sup> October and half term)
- £4.00 per session
- Total cost of £44.00 payable in advance at the beginning of Autumn Term 2024
- A maximum of 16 pupils

If you would like your child to attend Robot Club, please complete the attached application form and return to the school office as soon as possible before the end of term. **I would appreciate payment of £44.00 at the beginning of next term by cash, cheque or bank transfer.** I will send you bank details on receipt of the application form.

If the club is over-subscribed names will be drawn out of a hat. Unsuccessful applicants will be informed as soon as possible and put on a waiting list.

There has never been a more fun way for children learning computer science.

If you have any questions, please feel free to contact me by email or on the above phone numbers.

Kind regards,

Robot Liz - ii

Liz Stoneham  
Robot Kids and Space

Check out Robot Liz-ii on:

[www.robotkidsandspace.co.uk](http://www.robotkidsandspace.co.uk)

Twitter @lizzypebble

Youtube videos: robot liz-ii

For more information on Lego Mindstorms checkout [www.legoeducation.com](http://www.legoeducation.com)

**Castle Primary School  
Robot Club in Autumn 2024  
Application Form/Agreement**

***Please return to School Office ASAP by the end of the Summer Term 2024***

**Child's Name:** \_\_\_\_\_ **Class:** \_\_\_\_\_

**Parent's Name:** \_\_\_\_\_

**Address:** \_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

**Email Address** \_\_\_\_\_

**Telephone number**    **Home:** \_\_\_\_\_ **Mobile:** \_\_\_\_\_

**I agree to my child attending the Robot Club at Castle Primary School on Mondays. The lunchtime session starts at 12.10pm and goes on until 12.55pm. Members can eat their lunch during the Club whilst listening to the introduction to the session before building and programming begins.**

**My child has the following special or medical needs that the Robot teacher should be aware of:**

\_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

**Payment will be made at the beginning of the Autumn Term by cash/cheque/ Bank Transfer for £44.00 for ELEVEN lessons beginning Monday 9<sup>th</sup> September and understand that missed lessons will not be refunded.**

**If for some reason I am unavailable a replacement lesson WILL be arranged.**

**I understand that CRB and insurance certificate can be seen on request.**

**Signed:** \_\_\_\_\_

**Date:** \_\_\_\_\_