



## 123ICT Computing Competition - Spring Term 2020



### Make the Floor Robot Go!

#### Create a Short Key Stage One Floor Robot Programming Video

Our second computing competition of the spring term is to create a video (by teachers or older KS2 children) of a KS1 child, or group of KS1 children, explaining to their peers how to program a Bee Bot, Roamer, or other floor robot and get it to carry out a programmed task, or solve a problem.

The video need only be a brief film showing the children explaining, creating and executing a simple program with the technology. We believe that the competition will provide an excellent opportunity for Key Stage One children to develop their programming and communication skills. Whilst the video can of course be captured by school staff, if wished, Key Stage Two children could also be used to take the video, thus providing the opportunity in the school year to promote inter-school collaboration and encourage teamwork across the Key Stages.

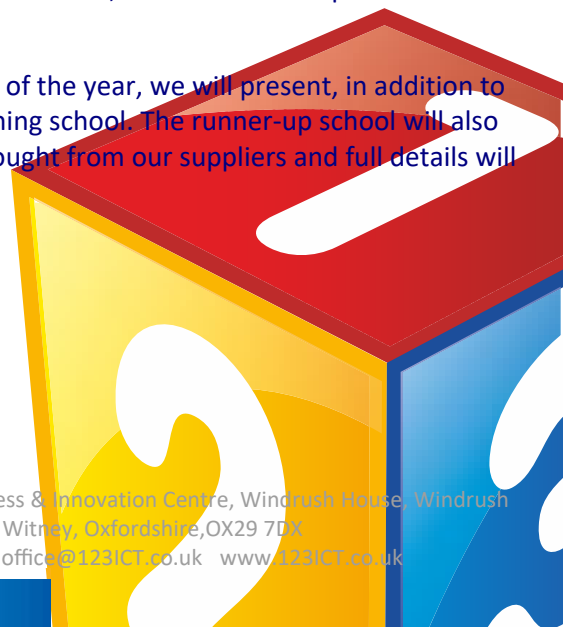
This is the fourth of our new-style competitions and will attract points towards our fabulous new '**123ICT Computing Champions League**'. The submitting schools for each competition will be awarded the following league points:

- First Place – 60 Points
- Second Place – 40 Points
- Third Place – 20 Points

In addition, each school that enters the competition will be awarded 10 points and the first, second and third places will also receive certificates.

We will maintain and publish the league table throughout the year and at the end of the year, we will present, in addition to a Computing Champions League winners trophy, a very desirable prize to the winning school. The runner-up school will also receive an excellent prize and runners-up trophy. The prizes are currently being sought from our suppliers and full details will shortly be announced on our competitions blog.

Full details about this competition, our planned schedule of competitions for the year and our new **123ICT Computing Champions League** can be found on our website computing competitions page: <https://123ict.co.uk/123ict-computing-competitions/>





# Make the Floor Robot Go!

Entries for this competition should comprise of a short instructional video which presents Key Stage One children explaining what they are doing, whilst creating and executing a simple program that controls an item of floor robot technology such as a Bee Bot or Roamer®.

The video content will be judged with due regard to the children's age, the equipment used, the complexity of the program written and the quality of the explanation given by the children.

The video should be recorded by school staff, or Key Stage Two children. It can be filmed with virtually any digital capture equipment - as found on most digital cameras, iPads, mobile phones, etc - but it must be submitted in a recognised video file format (MP4, WMV, etc.) to ensure that it can be viewed on a computer.



## Competition Guidelines

- This competition is intended for **Key Stage One** children, including age appropriate entries from special needs schools.
- Each **123ICT** school is entitled to submit one entry per year group to the competition.
- As usual, judging of all entries for our competitions will be carried out by the **123ICT** team, calling upon any additional expertise necessary to assist in that judgement.
- The winning entries, along with all other submissions, will be published on our website: <http://www.123ict.co.uk> and will also be notified to our schools during the Summer Term.
- Entries should be e-mailed as attachments, or shared, to [competitions@123ict.co.uk](mailto:competitions@123ict.co.uk). A reply e-mail will be sent to all submitting schools to confirm receipt.
- **The closing date** is the end of the spring term. Entries from schools that are using the **123SOW** can be submitted at any time but if they are received after the closing date for the current year, they will be entered into the following year's competition.

Should you have any further questions regarding the competition, please e-mail them to me at the above competitions address or speak to your **123ICT** Consultant who will be happy to assist you.

Good luck, I look forward to viewing your entries.

Andy Campbell (**123ICT** Competitions)



# 123ICT

