

SCRATCH: The virtual Robotics Challenge mat

We love getting hands-on with physical LEGO robots, but we can also learn so much in a virtual space – and have great fun too! We are so excited to see the solutions that your students come up with and there is support and guidance from Raising Robots LEGO Education trainers along the way.

This is a great way of developing your students coding skills who will be able to apply their newly learnt skills when, once again, they can get their hands on a physical robot! Our advice to you is this: keep things simple to start with, experiment and be creative but most of all have fun. Perhaps at the end, your students will feel able to tackle the ‘Ultimate Challenge’! Good luck!

What you need to do:

Access the SCRATCH Projects here and follow the tutorials provided

<https://raisingrobots.com/virtual/>

Make sure that your students complete the four introductory SCRATCH activities. This will give some really good SCRATCH skills that you can use in the virtual Robotics Challenge.

There are lots of videos for your students to watch and follow.

Give to as many students as you would to, students can all save their own projects to their computer or their SCRATCH account if they have one

Perhaps run an in-school competition for one of the tasks?

Maybe students can put the solutions for some of the tasks together in one file and upload to the Teams platform or share a link with your delivery partner to a resource you have created. It could be a PPT with screenshots, a screen recorded video or a link to the SCRATCH files.

We can't wait to see the results! If your students want to do this and want to take part in the competition please upload your assignment by 14 May 2021 5pm.