

Space junk - the cosmos needs you!

Design a robot to help us clean up space!



A real world problem is occurring. As humans we are creating debris in space and it needs to be cleaned up.

Floating around with the stars and space dust are 2,000 active satellites orbiting Earth. There are also 3,000 obsolete ones littering space. What's more, there are around 34,000 pieces of space junk.

As part of a national ambition to support sustainability in space we are inviting pupils in year 5 and 6 to design a robot that helps clean up space.

The design can be drawn, created on a computer or even built as a model (and photographed for submission) - the method is completely up to you. We'd like to see the design labelled so we understand how the Space Junk cleaning machine will work.

The competition opens on **Monday 26 June** and will run until **Friday 30 June**, by which time entries are to be photographed and submitted via email to spaceweek@ishco.co.uk.

To register as a competing school please visit <https://www.surveymonkey.co.uk/r/LQG6F89>
Schools can enter submissions as a class group or are welcome to submit multiple entries for individual pupils.

The winner will be drawn during the week commencing 3 July and the winner will be notified via the email address provided when registering for the competition.

There will be prizes for best group entry and best individual entry.

Schools may also wish to register for our free Space Week event on Wednesday 28 June for pupils to build their knowledge of how to design a Space Junk Machine.

If schools cannot attend this event it is not a problem - pupils will be able to do their own research instead.

Good luck - and have fun!

