# Mission 3

A common risk for space travellers is space debris. This can be whole satellites that are now defunct all the way to tiny shards of plastic, rock and metal travelling at high speeds orbiting Earth. These debris that can cause damage to satellites and space travellers alike. Your mission is to design and build a working prototype of a system that can capture space debris.

The system will need to be deployed once the satellite is in space and so needs to be stored on the micro:sat in as small a space as possible during launch.

## Success criteria

* The system must ‘deployable’ (you will need to demonstrate the ‘stored’ and ‘deployed’ states to the judges)
* The deployment must be trigged remotely and not involve any help from the team
* The solution must involve the control:bit and at least one motor