# Mission 2

The UKSA has a damaged satellite that it needs your micro:sat to investigate. This mission is TOP SECRET and cannot be discussed with other teams. The satellite is known to be transmitting some sort of encrypted data. Your mission is to find out what is being transmitted and what it means. This satellite will be modelled by a micro:bit in a model UKSA satellite that you can access to test your solution. Part of the cipher has already been worked out, these are the special characters (:,/,!,?) all other characters are still encrypted.

## Success criteria

* Design and program a micro:sat to receive the input signals from the damaged satellite
* Decipher the encrypted signal
* Report your findings as part of your team’s presentation to the UKSA
* Do not discuss this mission with other teams