



## Scratch Project Assignment

Get on the internet and go to: <https://scratch.mit.edu/projects/236845556/#editor>

Your task is to **remix** this project and change it so that communicates data that you gathered from the International Space Station (ISS) for one of the conditions (carbon dioxide, temperature or relative humidity) to Ground Control. Remember that you completed a table and graphs for these conditions earlier.

*Remixing programs allows you to work with code created by others who may have different experiences and skills. It can be an opportunity to learn new concepts, borrow ideas and add your own creative perspective. Computer scientists often use code written by others to create their own programs for different purposes. It is important to give credit to the original author when you remix programs.*

Click on the *Remix* button beside the *See project page* button in the top right corner of the screen.



See project page

At this point it will ask you to Sign in with a username and password. If you already have one for Scratch, enter it now. If not, see the [Scratch Tips and Hints](#) page to see how to sign up for Scratch.

Here are some suggestions for ways to remix the project. Alternatively, you may wish to complete this project completely "from scratch" without using premade code.

- Change the **backdrop** to an ISS theme
- Replace the Inspector **Sprite** with an Astronaut-themed **Sprite**
- Adjust the *Inspector Sprite's* words to use language that you might hear on the ISS
- Add your own creative effects (e.g., animations, sound effects, etc.)
- Add additional code so that you can communicate data about the humidity or temperature levels, or both!
- Add additional **sprites** and **costumes** that will appear under various conditions (e.g., plants might appear wilted in low humidity, astronauts may appear fatigued under high carbon dioxide levels)

See the [Scratch Tips and Hints](#) page for instructions on how to do the things above.

There are also many great projects on the [Scratch website](#) that can give you inspiration (as well as code!)