

## Workshops Out of This World

**Image 1** [https://commons.wikimedia.org/wiki/File:James\\_Watt%27s\\_Workshop.jpg](https://commons.wikimedia.org/wiki/File:James_Watt%27s_Workshop.jpg)

James Watt's workshop was in the attic of his home at Heathfield House in Handsworth, Birmingham. After he had retired in 1800 he spent most of his time in his workshop improving inventions such as his sculpture copying machines and undertaking chemistry experiments.

The workshop was filled with tools, materials, scientific instruments, ceramics, chemicals and more. There were also personal items including a trunk belonging to his son Gregory, who sadly died from tuberculosis as a young man.

Before Heathfield House was demolished in 1927 everything in the attic contents were carefully recorded, packed up and taken to the Science Museum in London. Here it was perfectly re-created for people to come and see. It can still be visited today.

**Image 2** <https://www.flickr.com/photos/nasa2explore/32152457117/in/album-72157664608101376/>

The International Space station (ISS) is a satellite that people can live and work in. People have stayed there, working on space research since November 2000. Since then 236 people from 18 countries have visited the ISS. It orbits the earth about 15.5 times a day.

This picture shows NASA astronaut Anne McClain working inside the Kibo laboratory inside the ISS in January 2019.

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Spend some time looking at both pictures. What is different about the two places? What is the same?

Think about colours, materials, technology, personal touches for example.

What do you think it might have sounded like or smelled like in these working spaces?

### Weblinks:

#### **NASA**

<https://www.nasa.gov/multimedia/imagegallery/index.html>

#### **Watt Workshop**

<https://www.scienceandsociety.co.uk/results.asp?search=1&screenwidth=1634&pixperpage=50&searchtxtkeys=James+Watt+Workshop&lastsearchtxtkeys=&withinresults=&searchphotographer=&wwwflag=&lstformats=&lstorients=All+Orientations&captions=>

<https://vimeo.com/21751713>

<https://youtu.be/nt3QJT2sPGQ>



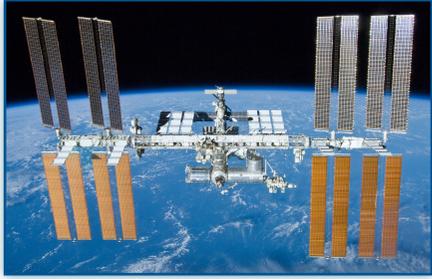
Heathfield House, Allen Edward Everitt

Birmingham Museums Trust

<http://www.bmagic.org.uk/objects/1977V43/images/138529>



The inside of James Watt's garret workshop, preserved in the Science Museum, London, Image Frankie Roberto



International Space Station

Image NASA/Crew of STS-132

[https://commons.wikimedia.org/wiki/File:International\\_Space\\_Station\\_after\\_undocking\\_of\\_STS-132.jpg](https://commons.wikimedia.org/wiki/File:International_Space_Station_after_undocking_of_STS-132.jpg)



Astronaut Anne McClain works inside the Kibo laboratory module

Image NASA Johnson