



# ASTRO PI<sup>1</sup> MISSION ZERO

## Part 2: Pixel Art

*Send a personalised image to the astronauts on the International Space Station!*

*Your image should be inspired by nature, on Earth or beyond: trees, flowers, animals, insects, rainbows, or alien life forms.*

Example images from Mission Zero 2023/24.



These are all 8x8 pixel-art (8 pixels high by 8 pixels wide)  
**Pixels** are **picture elements**.

- Open [pixilart.com](https://pixilart.com) (we can use the same login **CodeClub67**)
  1. Click START DRAWING
  2. input width 8, and height 8.
  3. SELECT COLOR PALETTE<sup>2</sup>
  4. Where it says “Search Palette” enter **astro-pi**
  5. Click NEW DRAWING

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<sup>1</sup> [astro-pi.org](http://astro-pi.org)

<sup>2</sup> ffffff, 696969, 000000, 6495ed, 0000cd, 191970, 00bfff, 00ffff, 8fbc8f, 2e8b57, 00ff7f, 228b57, 9acd32, 808000, f0e68c, ffff00, b8860b, 8b4513, ff8c00, b22222, ff0000, ffc0cb, ff1493, 9932cc

- **CREATE** your pixel art
  1. Select the pencil icon (top-left in TOOLS)
  2. Select the colour on the COLORS tab
  3. Click anywhere in the 8x8 grid.
- **SAVE** your drawing
  1. Click \*SAVE DRAWING
  2. give it a **title**
  3. set visibility to **PRIVATE**
  4. click **SAVE** (or UPDATE if you're saving an update)
- **LOAD** a drawing
  1. Click on the (smiley) avatar (top-right).
  2. Select My Gallery
  3. Click on the drawing
  4. Select “Edit Drawing”

