

## Make Your Own Binary Code Initial Bracelet

### Auckland Connection: Intergalactic Soul's Project LHAXX

The artist collective Intergalactic Soul has created an interactive hieroglyphic mural called Project LHAXX at the Ackland. The piece imagines an Afrofuturist alphabet that could be used to communicate in the distant future. Though we can't understand the meaning of the hieroglyphics as they are written, we can decode the message once we have a key. Technology makes it possible for us to do this. Binary code is used by computers to communicate with each other, and is another language that we can understand once we decode it. In this activity, we will be translating the first letter of our names into binary code (sets of 1s and 0s that represent each letter) and making bracelets from the pattern.

You'll need elastic string, pony beads (three colors – one color each for the spacers, ones, and zeros), tape,

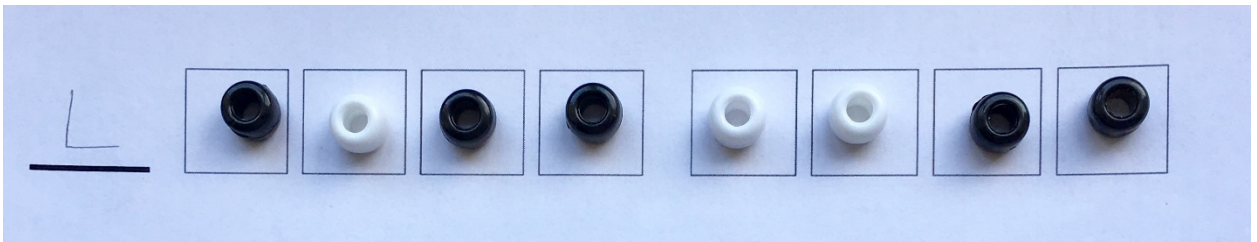
1. Cut a piece of elastic string long enough to fit around your wrist plus a bit extra for tying it.
2. Tape one end of your string down to the table.



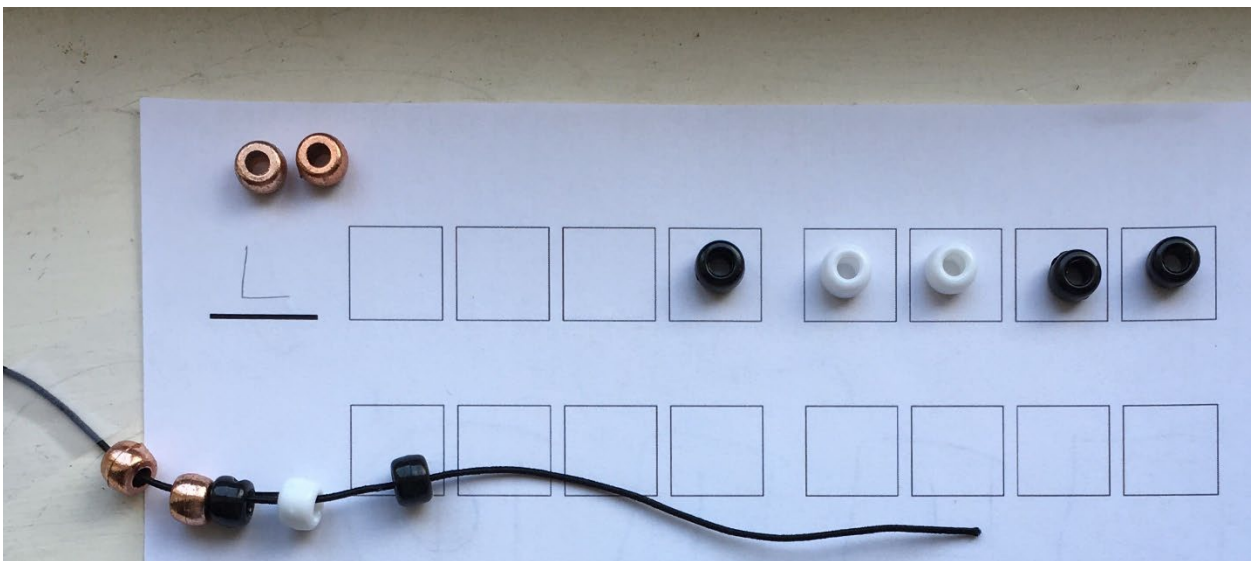
3. Find your first initial on the coding alphabet sheet.



4. Using the code sheet and the black and white beads, lay out the code for your letter on the table.



5. Start beading your bracelet with a few iridescent spacer beads, then add your black and white initial beads in the order you've laid out. Finish by adding more spacer beads until you get to the end of your string, leaving room to tie it.



6. Once you finish, have an adult help you tie the two ends of the string together around your wrist.

