

# Curious Kids!

citylibraries



## A Game by Me - Challenge Sheet

1

### The Challenge for all Curious Kids

- Technology is about creating solutions using science knowledge, practical skills, and tools. We are going to use a technology tool today - magnets.
- Let's make a game using magnets that everyone can share.

2

### What do we need?

- Large magnets (safe for toddler age i.e. Magformers 18mth+ box set)
- String, paddle pop sticks, white cardboard, large 100mm paper clips, large bulldog clips, stapler
- Pens, paper, scissors, sticky tape, glue.

\*\* Safety is very important when using magnets. Please supervise your child at all times.

3

### Explore & Create

- Imagine and Plan your Game: What is the theme of your game? Characters?
- Create your Game: Draw your characters on to cardboard. Cut them out and decorate them. Put a large paper or bulldog clips on to each character.
- Create a fishing rod by tying the magnet on to a piece of string and tie the string on to a stick.
- Place the cut outs in a container. Can your fishing rod collect them?

4

### Question to Ask & Words to Use

- What do you think will happen? What happened there?
- How did you do that? What makes this a game? Can you make it harder?
- Magnet, technology, attract, weight, light, heavy, game.

5

### Show & Share

- Play your game with friends. Show them how the magnet works.
- Make sure you give your game an awesome name.