



Name: _____

Date: _____

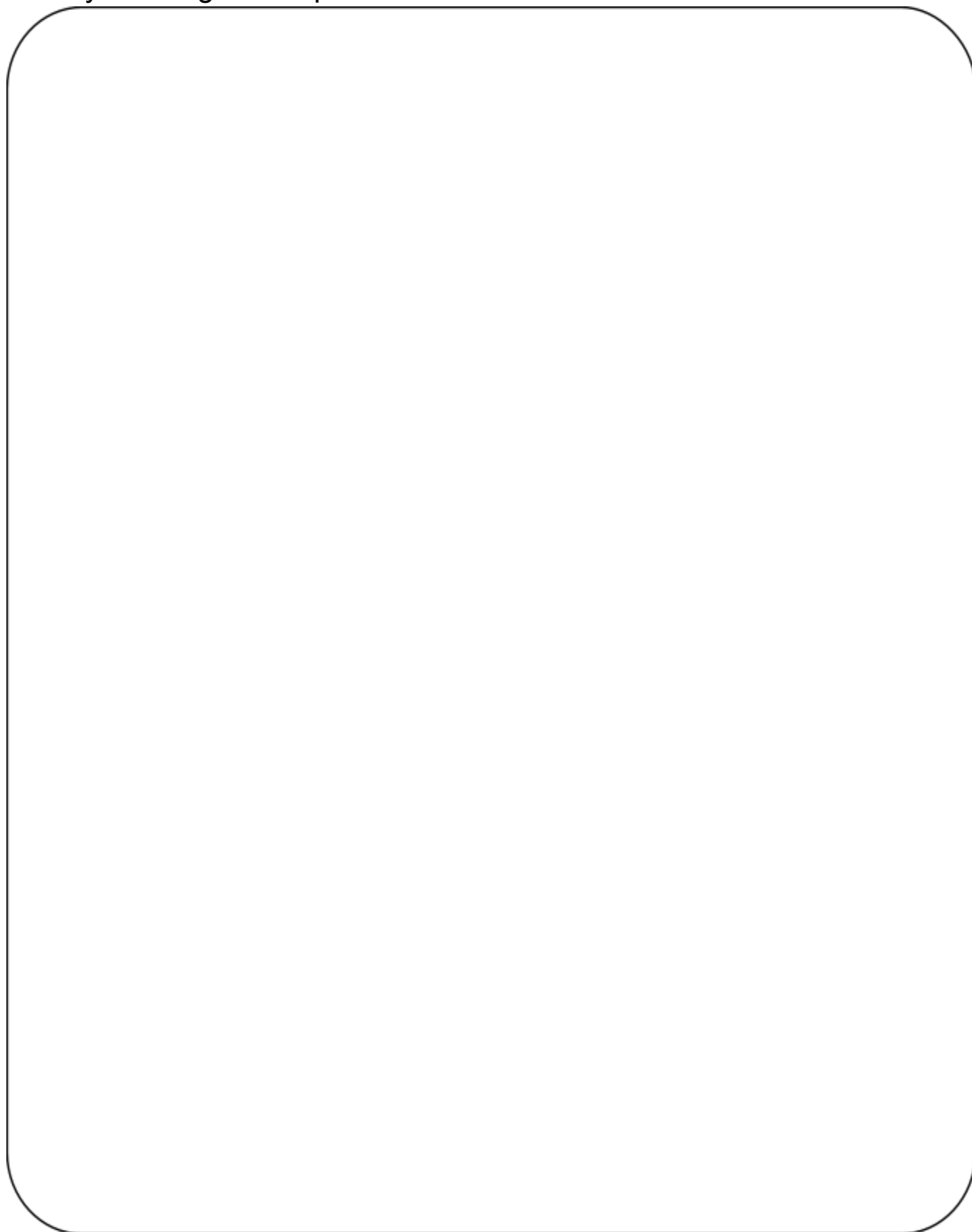
Brainstorming and Project Planning

1. What **problem** are you addressing? Write + sketch.

2. **Stakeholder: Who or what** is impacted by the problem?

3. What could be a solution to help those affected by that natural disaster?

4. What radio-communication technology or system (using micro:bits) could you design to help those affected? Write and sketch.



5. What will be your micro:bit **INPUT**?

- ☐ Button Press (A or B)
- ☐ Shake/motion (accelerometer)
- ☐ Temperature
- ☐ Light
- ☐ Incoming message (string/number)
- ☐ Sound
- ☐ Touch
- ☐ Other: _____

6. What will be your micro:bit **OUTPUT**?

- ☐ A radio signal (string or number) sent to another device
- ☐ Turn LEDs on/off
- ☐ Play a sound/song