

## Design Challenge #1.2 – “Beat City”

### Requirements:

Build a music or dance performance scene

that will look like a video or movie clip, with sound.

It must ...

- ☐ Include a LEGO person (minifigure) “in action”
- ☐ Include several moving parts
- ☐ Use axles and either gears or pulleys
- ☐ Use one of the time-related program functions
- ☐ Make some kind of music or rhythm
- ☐ Last at least 30 seconds

It may ...

- ☐ Include a real person speaking, singing, rapping, or making part of the scene
- ☐ Use any other parts in the WeDo kit
- ☐ Use additional objects to help make sound (EXAMPLE: using cups as monkey’s “drums”)

It must NOT ...

- ☒ Require a real person to do everything
- ☒ Borrow parts from any other kits
- ☒ Simply copy any other WeDo projects

**Design Challenge #1.2 – “Beat City”****Group Members:** \_\_\_\_\_**Date Started:** \_\_\_\_\_**Ideas / Sketches:**

(include scene, parts, and program)

**Idea Review/Approval:** \_\_\_\_\_( get signed **before** you begin building)

**Design Challenge #1.2 – “Beat City”****Tests / Revisions:**

(what worked or didn't work? what did you change? why?)

**Design Challenge #1.2 – “Beat City”****Results / Final Report:**

Picture/Description:

Best Things:

Worst Things:

Things to Try Next Time:

Date Finished: \_\_\_\_\_ Date Video Recorded: \_\_\_\_\_ by whom: \_\_\_\_\_

Group Member Sign-Off: \_\_\_\_\_

