

## Design Challenge #2 – “Beat City”

### Requirements:

Build a music or dance performance scene

that will look like a video or movie, 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 of the WeDo projects

## Design Challenge #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 #2 – “Beat City”

**Tests / Revisions:**

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

## Design Challenge #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: \_\_\_\_\_