

# Curious Kids!

citylibraries



## Build, Build, Build - Challenge Sheet

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### The Challenge for all Curious Kids

- Let's be engineers today. An engineer designs, invents, makes and builds structures and machines like roads, computers, your house, bridges, cars, toys.
- Let's be curious about making different types of structures that can handle movement like wind and rocking.

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### What do we need?

- Play dough, rolling pin
- Straws, paddle pop sticks, colour sticks
- Lego Duplo

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### Explore & Create

- Design and Plan:
  - Is it going to be high or low or wide or narrow?  
Look around for inspiration and talk with a friend
  - What are you going to use to build it?
- Build: If it doesn't work, try again. Is there another way to build it?
- Test the Movement: What happens if you blow on it? Or move the table?

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### Question to Ask & Words to Use

- What can you build? How high / low / wide / narrow can you make it?
- What buildings do you see, can you make that? How did you do that?
- High, low, wide, narrow, engineer, design, construct, build, big, small, tall, short, long

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### Show & Share

- Display your build and let your friends look.
- What is the name of your building?
- Tell your friends the story of how you built it.