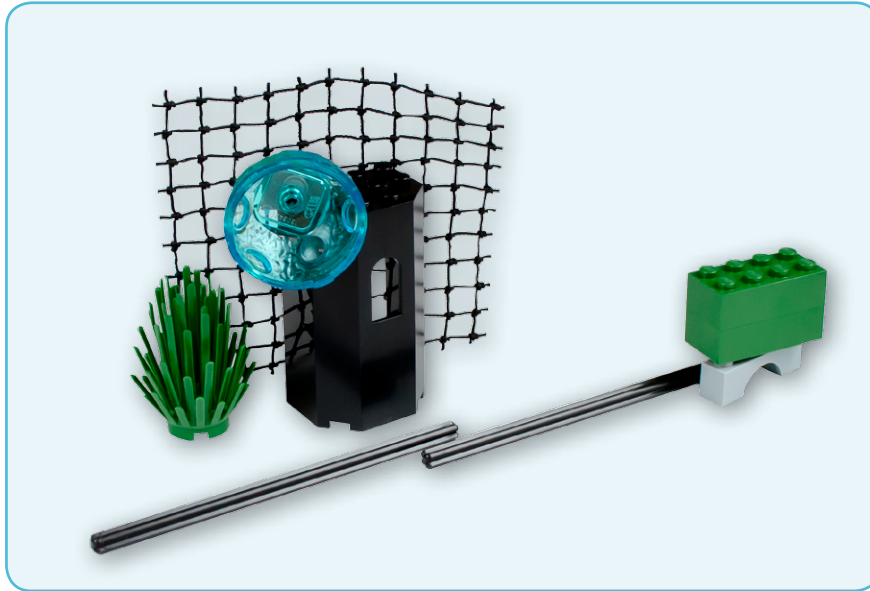


## Example Builds for 4th-5th Grades: Think About

### Building Challenge:

Build a model that represents an innovation that has changed the way people live.

### Build:



### Note:

The model, reflection, and facilitating questions found in this section are examples. They have been provided to illustrate possible types of models and stories students may create and to provide suggestions for effective facilitating questions in the context of a specific Building Challenge.

### Reflection:

The innovation I think has most changed the way people live is electricity. Almost everything in my house runs on electricity. My model shows a satellite dish on the side of a house and a big cable running through the ground. Even when you are outside of the house, there are still things that run on electricity.

### Facilitating Questions:

- It looks like some parts of your model are outside and some are inside. Why is that?
- What sorts of things would you put inside the house?
- What do think uses the most electricity in the house?
- What part of your house depends the most on electricity?
- Where do you fit into this model? Where do you use the most electricity?

### Add Your Own Questions:

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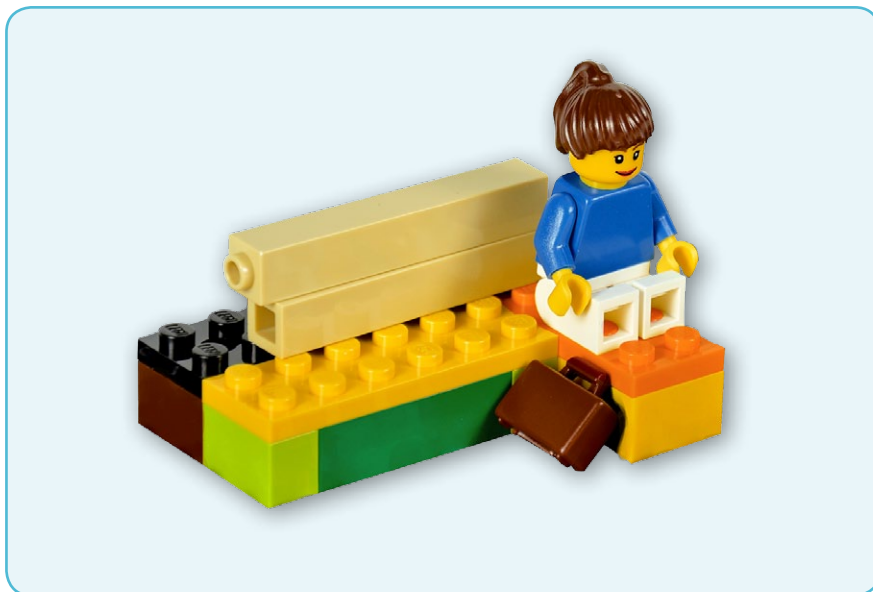
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## Example Builds for 4th-5th Grades: Remember

### Building Challenge:

Build a model that represents how this innovation affects your life.

### Build:



### Note:

The model, reflection, and facilitating questions found in this section are examples. They have been provided to illustrate possible types of models and stories students may create and to provide suggestions for effective facilitating questions in the context of a specific Building Challenge.

### Reflection:

Electricity has affected my life by giving me more free time. In the past, when no one had electricity, everyone had to do more work to meet their needs. Everyone had to work hard to make sure that they all had food and that all their work was done. My model shows me sitting on a bench at the airport. I have time to take a vacation because of the work electric machines can do for me.

### Facilitating Questions:

- What sort of work do electrical machines help you with?
- Where are you going on your vacation? Will you still use electricity there?
- I noticed there is a bag next to the bench. Can you tell me about that?
- Is there anyone going with you on your trip? Why are they coming with you?

### Add Your Own Questions:

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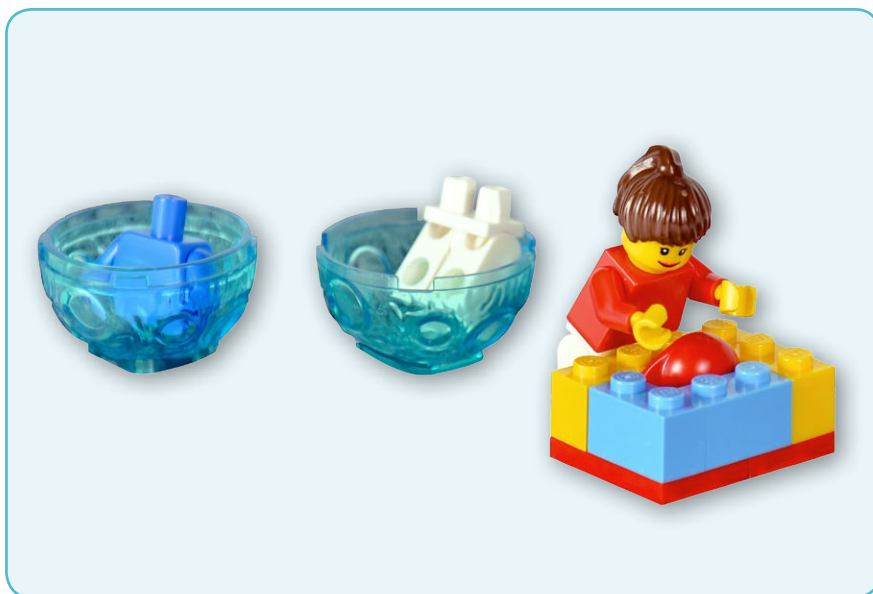
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## Example Builds for 4th-5th Grades: Imagine

### Building Challenge:

Build a model that represents what life might be like if this innovation had never existed.

### Build:



### Reflection:

If electricity had never been invented, life would be very different. We would have to do many daily tasks in different ways. My model shows me washing my clothes by hand. I am standing over a sink washing clothes while my white and colored laundry soaks in tubs. This is because without electricity, washing machines and other appliances in my house do not work.

### Facilitating Questions:

- What other tasks or chores would you be required to do by hand if you didn't have electricity?
- How would you rather be spending your time?
- Is there anyone helping you with your chores? Will you need more people to help without electricity?
- What sort of clothes are you washing?
- What other chores do you need to do?

### Add Your Own Questions:

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### Note:

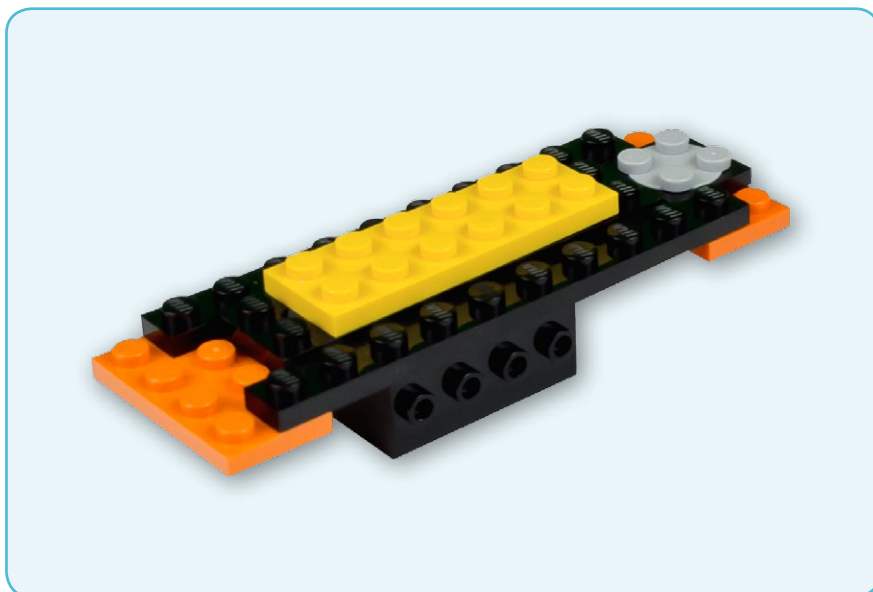
The model, reflection, and facilitating questions found in this section are examples. They have been provided to illustrate possible types of models and stories students may create and to provide suggestions for effective facilitating questions in the context of a specific Building Challenge.

## Example Builds for 4th-5th Grades: Conclude

### Building Challenge:

Build a model that represents an innovation that does not yet exist but that would make people's lives easier.

### Build:



### Reflection:

My model shows a special table that lets me use all of the technology in my house at the same time all in one place. It has a computer built into the tabletop, a built-in television, and it can connect to the Internet.

### Facilitating Questions:

- Where in your house would you place this table and why?
- What would you use this table for?
- How would this innovation change your life?
- If you could add one additional function, what would it be?

### Add Your Own Questions:

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### Note:

The model, reflection, and facilitating questions found in this section are examples. They have been provided to illustrate possible types of models and stories students may create and to provide suggestions for effective facilitating questions in the context of a specific Building Challenge.