



LEGO Education Maker Activities to bolster your Creativity

Grab your bricks and any materials around your house and let your imagination blast off! Get inspired by these lessons and start making!

Ideas for Kindergarten - Grade 2

Carnival Game

Can you create a fun game that you might find at a carnival. Think about the games you like to play and see what you can come up with. How will you play the game? Will you keep points? Is there a prize if you win? Think of how to set up your game and then find some players and challenge them to play it.

<https://education.lego.com/en-us/lessons/maker-preschool/great-cannon>

Scary Creature

Can you design a scary monster? Who will it scare? What you can add to your creature to make it seem scary? Think about it and start creating.

<https://education.lego.com/en-us/lessons/maker-preschool/additional-preschool-maker#Planitem3>

Animal Shelter

Can you create a safe animal shelter. Choose an animal and think about what kind of place could shelter them from the rain or other types of weather. Will it be waterproof? Will it keep the wind out?

<https://education.lego.com/en-us/lessons/maker-preschool/additional-preschool-maker#Planitem2>

Make a Machine to Help Mr. Bear

Mr. Bear can't move up the stairs in his wheelchair. Can you help him? Think about the ways you've seen buildings create access for wheelchairs? Can you create something Mr. Bear can use? Can you come up with new ideas that you haven't seen before?

<https://education.lego.com/en-us/lessons/maker-preschool/mr-bear#Planitem0>

Make Something Wearable

Fashion can come from so many places. Sometimes it's fun to make your own to show off your style. See what things you can create that you can wear. Does your wearable also help you do something or is it just for show?

<https://education.lego.com/en-us/lessons/maker-elementary/wearables>

Digital Accessory

Show off your style! Design and create an accessory that fits your needs and supports your everyday lifestyle.

<https://education.lego.com/en-us/lessons/maker-elementary/digital-accessory>



Ideas for Grades 3 - 5

Dancing Robot

Design and create a robot that can move. What type of dance can it perform? Can you tell a story through the dance? How will your robot move? Can you move the same way? <https://education.lego.com/en-us/lessons/maker-elementary/make-a-dancing-robot>

Make a Life Hack

Ever have a problem that you wish you had an invention to solve? Why not create one and solve an issue you have. Is it something that helps you every day? Does it solve a specific issue or can it be used in different ways. Use your creativity to create a life hack. <https://education.lego.com/en-us/lessons/maker-elementary/make-a-life-hack>

Make a Mascot

Does your school have a mascot? Where else have you seen mascots? What do mascots do? Think about how a mascot often cheers on the team. Wouldn't it be nice to have your own mascot cheering you on? Think of what type of mascot would represent you best. Design and create your mascot.

<https://education.lego.com/en-us/lessons/maker-elementary/make-a-mascot>

Make a Cartoon

Do you love cartoons! Ever wonder how they are created? Think about a way that you can create your own through combining your drawings with a moveable device. How will you bring your drawings to life and create your own cartoon? <https://education.lego.com/en-us/lessons/maker-elementary/make-a-cartoon#Planitem1>

Make a Mechanical Friend

Friends can come in many shapes and sizes. You can even create your own. Challenge yourself to make a mechanical friend that can do a fun activity with you. What activity will you choose? How will your friend need to move to complete the activity? See how creative you can be.

<https://education.lego.com/en-us/lessons/maker-elementary/make-a-mechanical-friend#Planitem>

Make a Machine to Move Something

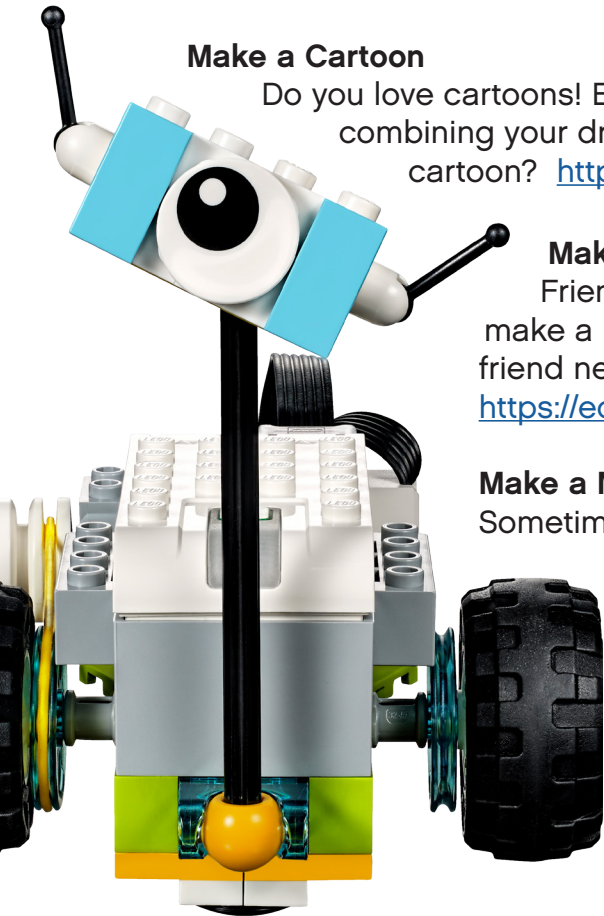
Sometimes we need help moving an item because it's heavy or a weird size. Think of an item that you might need help moving. Can you design something to help you? Simple machines are great tools. Think about how you could use a simple machine to help move your object.

<https://education.lego.com/en-us/lessons/maker-elementary/make-a-simple-machine-to-move-something>

Make a Sound Machine

There are many ways to make sounds. Think about how you can create a machine that can make the sounds you want. Is it loud? Why will you produce these sounds? Think about all the ways that we use sound and come up with something useful.

<https://education.lego.com/en-us/lessons/maker-elementary/make-a-sound-machine#Planitem1>



Ideas for Grades 6 - 8

Make a Chain Reaction

Have you ever seen a chain reaction? It's fun to see how one item causes another to move. Think about ways you can create your own. How many parts will you use? How will you make it happen? How will it end? Put your chain reaction together and challenge yourself to make it even bigger. <https://education.lego.com/en-us/lessons/maker-middle-school/make-a-chain-reaction#Planitem1>

Make Something Wearable

Fashion can come from so many places. Sometimes it's fun to make your own to show off your style. See what things you can create that you can wear. Does your wearable also help you do something or is it just for show? <https://education.lego.com/en-us/lessons/maker-middleschool/wearables>

Make a Household Helper

Need a little helper in your work area or house? Think about how you can create something that can help you every day. Design an idea and test it to see if it is helpful. <https://education.lego.com/en-us/lessons/maker-middleschool/make-a-household-helper>

Carnival Game

Can you create a fun game that you might find at a carnival. Think about the games you like to play and see what you can come up with. How will you play the game? Will you keep points? Is there a prize if you win? Think of how to set up your game and then find some players and challenge them. <https://education.lego.com/en-us/lessons/maker-middleschool/make-a-carnival-game#Planitem3>

Make a Repeatable Pattern

Do you like to draw? Can you make a pattern that repeats? It can be difficult to make a pattern that is consistent with out a little help. Design and create a machine to help you create one. What pattern will you try to create? Can you create more than one? <https://education.lego.com/en-us/lessons/maker-middleschool/repeated-pattern>

Make a Security Gadget

How are you going to protect your valuables? Think about what you would want to protect and the best ways to protect those items. How can you protect your items? Will there be an alarm or flashing lights? Design and create a gadget that will help you protect your valuable items! <https://education.lego.com/en-us/lessons/maker-middleschool/make-a-security-gadget>

Make a Mechanical Toy Animal

Need pet that is easy to take care of and can keep you company? Try building a mechanical animal. Design and build an animal that you can play with. What type of animal have you always wanted? What type would be the most fun? Try to build something unexpected that you can share with your friends. <https://education.lego.com/en-us/lessons/maker-middleschool/make-a-mechanical-toy-animal>

