Makerspace K'NEX Challenge

• 25 Design-Inspiring Task Cards

Elementary Grades

Created by Jolene Ray
Design and build something that spins.

Use these ideas to spark your imagination, and then create your own unique design.
Design and build a model of what you think robots might look like in the future.

Use this idea to spark your imagination, and then create your own unique design.
Design and build something useful.

Use this idea to spark your imagination, and then create your own unique design.
Build 3 props and use them in a short skit or video.

Use these ideas to spark your imagination, and then create your own unique design.
Design and build a model of something that you might like to fly in.

Use these ideas to spark your imagination, and then create your own unique design.
Design and build a model rocket.

Use this idea to spark your imagination, and then create your own unique design.
Design and build a model of an animal that you might like to learn more about.

Use these ideas to spark your imagination, and then create your own unique design.
Design and build something that rolls.

Use these ideas to spark your imagination, and then create your own unique design.
Design and build a standing bridge.

Use these ideas to spark your imagination, and then create your own unique design.
Build something that represents a science concept you have learned about.

Use these ideas to spark your imagination, and then create your own unique design.
Build something that represents a math concept you have learned about.

Use these ideas to spark your imagination, and then create your own unique design.
Design and build a K'nex alien.

Use this idea to spark your imagination, and then create your own unique design.
Design and build a K'nex alien spacecraft.

Use this idea to spark your imagination, and then create your own unique design.
Design and build your own unique K'nex creature.

Use these ideas to spark your imagination, and then create your own unique design.
Build something that represents a sport interests you.

Use these ideas to spark your imagination, and then create your own unique design.
Design and build something that you might use in battle.

Use these ideas to spark your imagination, and then create your own unique design.
Design and build a shelter.

Use these ideas to spark your imagination, and then create your own unique design.
Build a model of an insect that interests you.

Use these ideas to spark your imagination, and then create your own unique design.
Design and build something symmetrical.

Use these ideas to spark your imagination, and then create your own unique design.
Build a model of a simple machine you have learned about.

Use these ideas to spark your imagination, and then create your own unique design.
Build a flat representation of something you love.

Use these ideas to spark your imagination, and then create your own unique design.
Design and build a model of a tool or piece of equipment.

Use these ideas to spark your imagination, and then create your own unique design.
Build a model of something you use every day.

Use these ideas to spark your imagination, and then create your own unique design.
Build something that represents your favorite holiday.

Use these ideas to spark your imagination, and then create your own unique design.

K'nex CHALLENGE 24
Design and build a unique square quilt pattern.

Use these ideas to spark your imagination, and then create your own unique design.
Choose and build a K’nex model.

Sandcastle

Contact me at: tptjolene@gmail.com

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Huge 3rd Grade TEKS-Aligned Growing Bundle

Feedback Wanted!
Please leave feedback. I am always striving to improve and would love to hear your ideas!

Awesome Artists:

KG Fonts
Jolene Ray
Paula Kim Studio