

Invent an Adaptive Skateboard



KINDERGARTEN

ACTIVITY GUIDE

STEP 01: READ

Skater Cielo

by Rachel Katstaller



Literacy Focus

VOCABULARY

A **skateboard** is a flat board with four wheels that people can stand on to ride and do cool tricks!

SOUND AWARENESS

Skateboard starts with /s/.

What other words start with the sound /s/?



SNOW



SPOON



SAD

STEP 02: LEARN & EXPLORE

An **adaptive skateboard** helps people ride with balance, control, and extra support. Learn about its different parts!



HANDLEBARS

The handlebars help the rider hold on and stay balanced. A helper can use them to give a gentle push.



SUPPORT FRAME

The support frame goes around the rider. It helps them stand and hold on to feel safe.



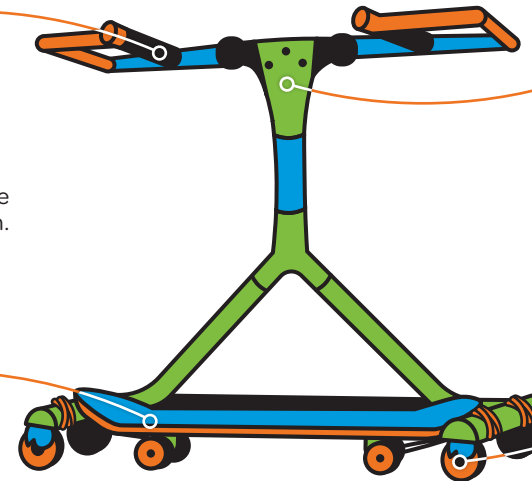
SKATEBOARD

A skateboard has a flat board and 4 wheels. The front is the nose, and the back is the tail.



SUPPORT WHEELS

Extra wheels on the frame help the skateboard stay steady and not tip over.



STEP 03: INVENT

Invent your own adaptive skateboard that includes all four important parts! Flip the page to see an example!



Example Adaptive Skateboard

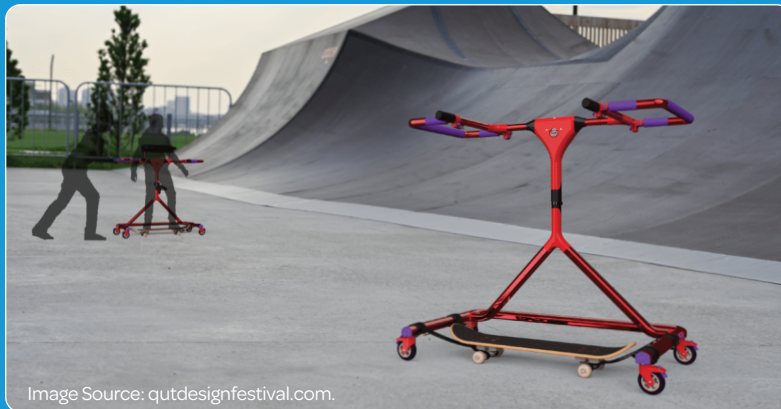
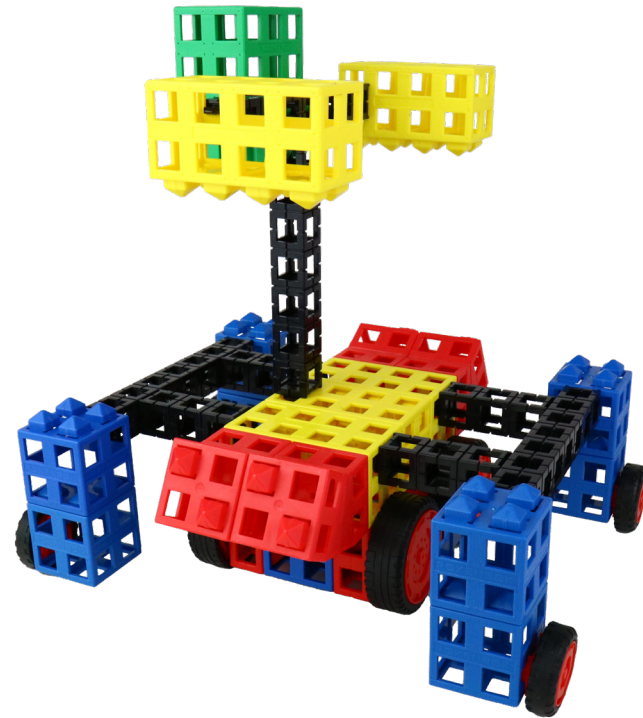
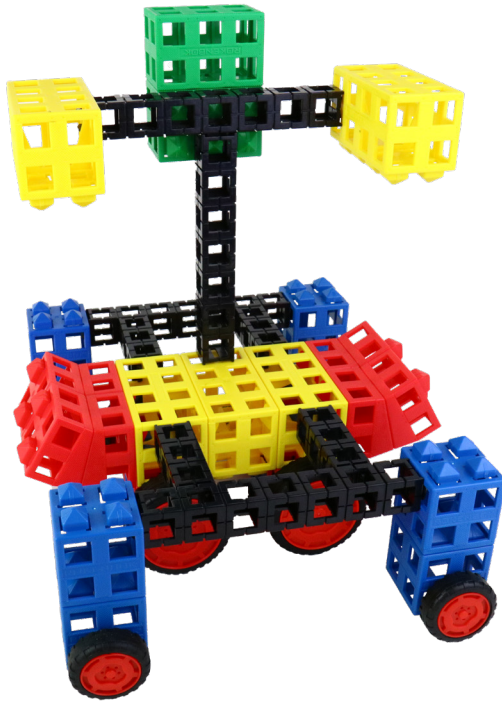


Image Source: qutdesignfestival.com.

Adaptive Skateboard

Reflection Questions

1. Why does Cielo like to skate?
2. Did Cielo ever feel upset or stuck? What did she do next?
3. What part of your skateboard helped someone ride safely?
4. Did something not work when you were building? What did you try next?
5. Why is it kind to build a skateboard that helps more people ride?
6. What part of your skateboard did you like building the most?