

KIBO Snowplow

Build a Sturdy Attachment onto KIBO

KIBO 10+

WHAT'S THIS?

The city is covered in snow, and KIBO will help clean up! We will build, test, and improve a KIBO snowplow using the Engineering Design Process.



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GET READY!

Testing and improving our creations are important parts of the Engineering Design Process.



Gather a variety of “connectors” like tape, string, and pipe cleaners to experiment with building KIBO’s plow attachment. Gather cotton balls to be the snow.

Build:



Attach KIBO's wheels and motors.

Make:



Use craft materials to invent a snowplow for KIBO.

1 2
3 4

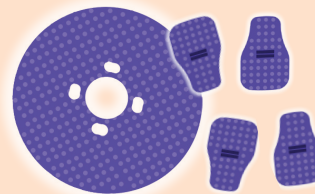
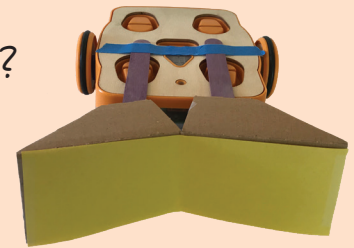
Code:

KIBO will need to push the snow into a big pile!



Play:

Can KIBO push the snow?
Can you change your snowplow to improve it?



Do you have the Building Brick Extension Set?
You can build a plow with LEGO® bricks!