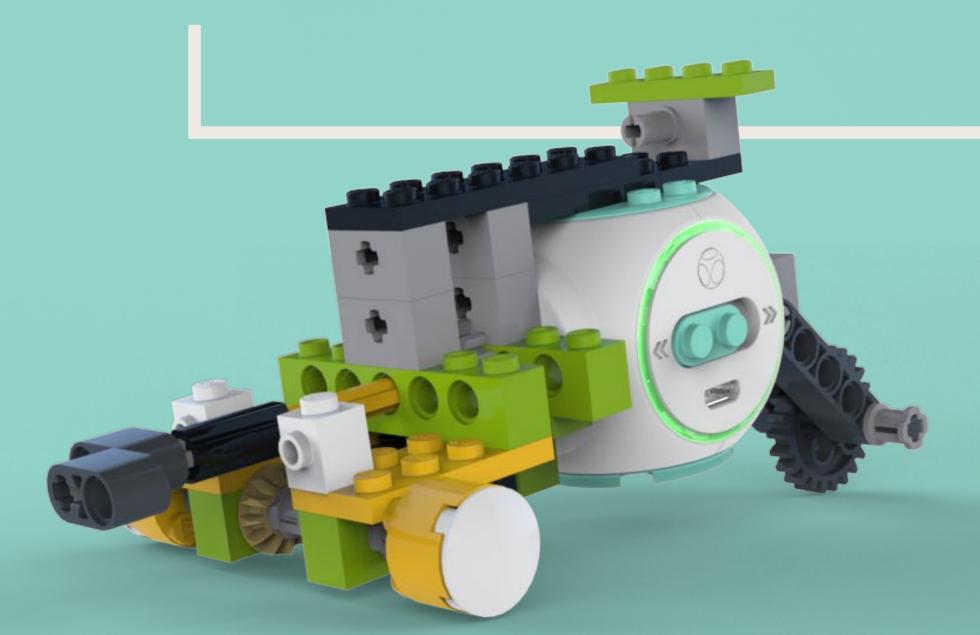


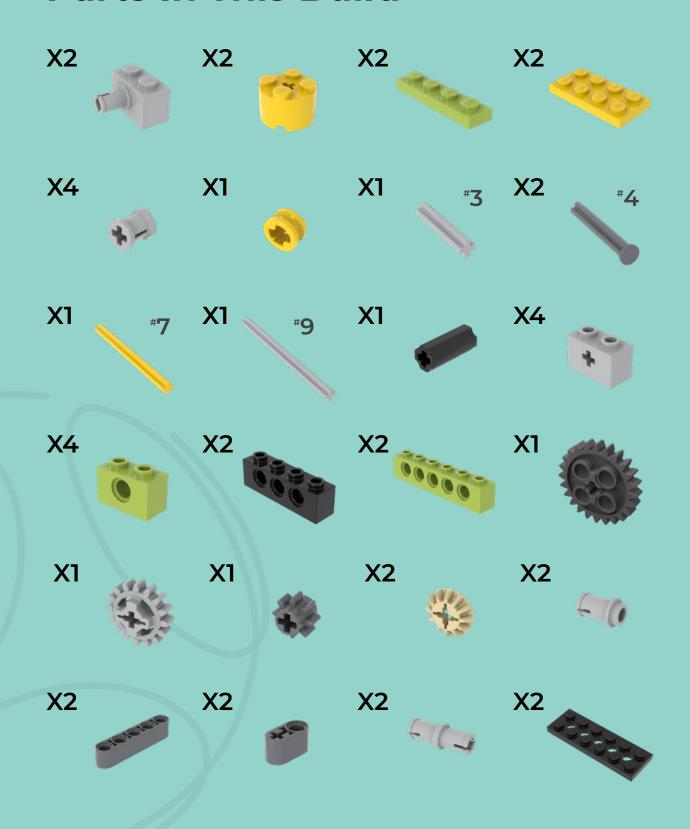
Chopper







Parts In This Build



Chopper



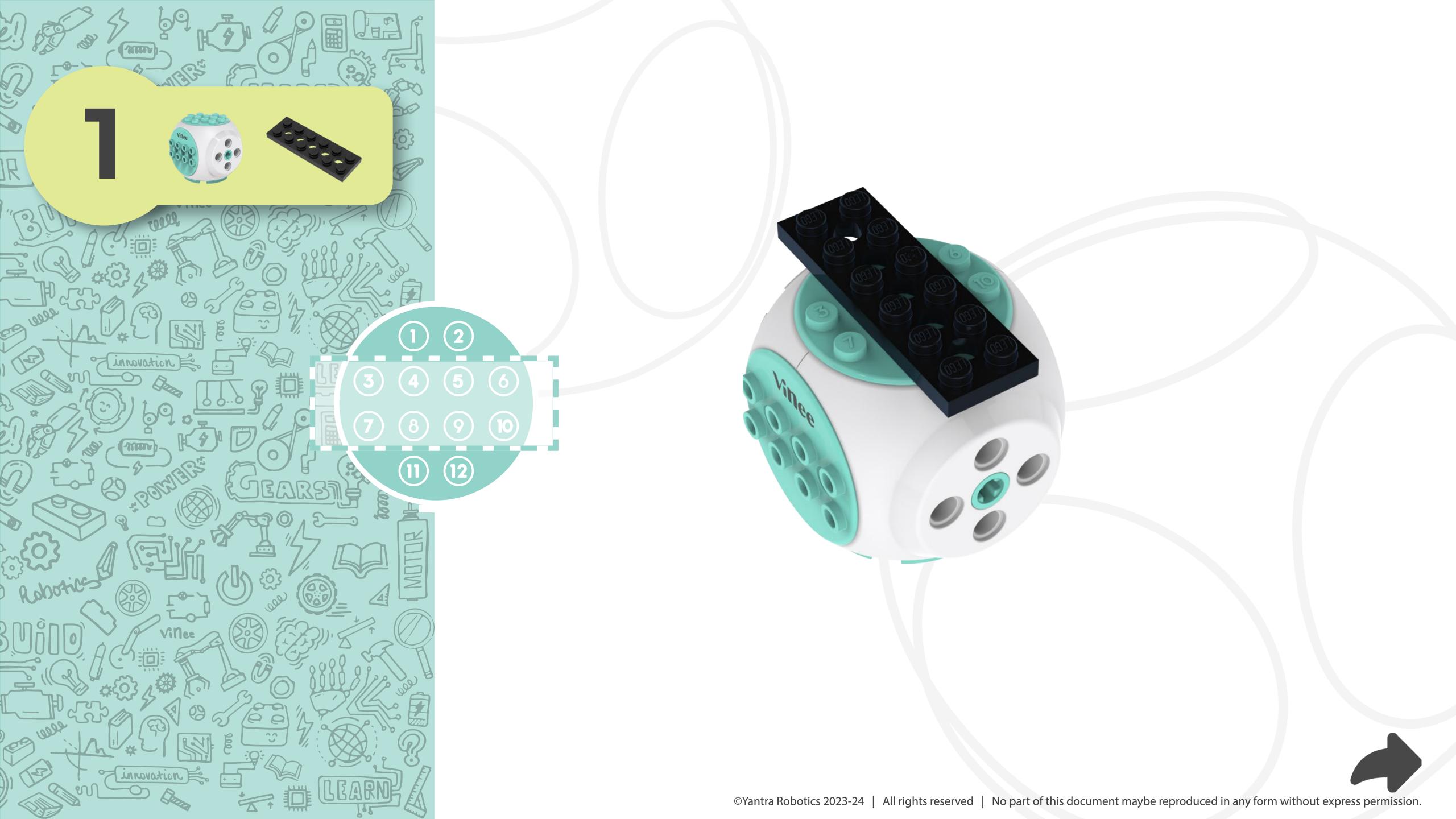
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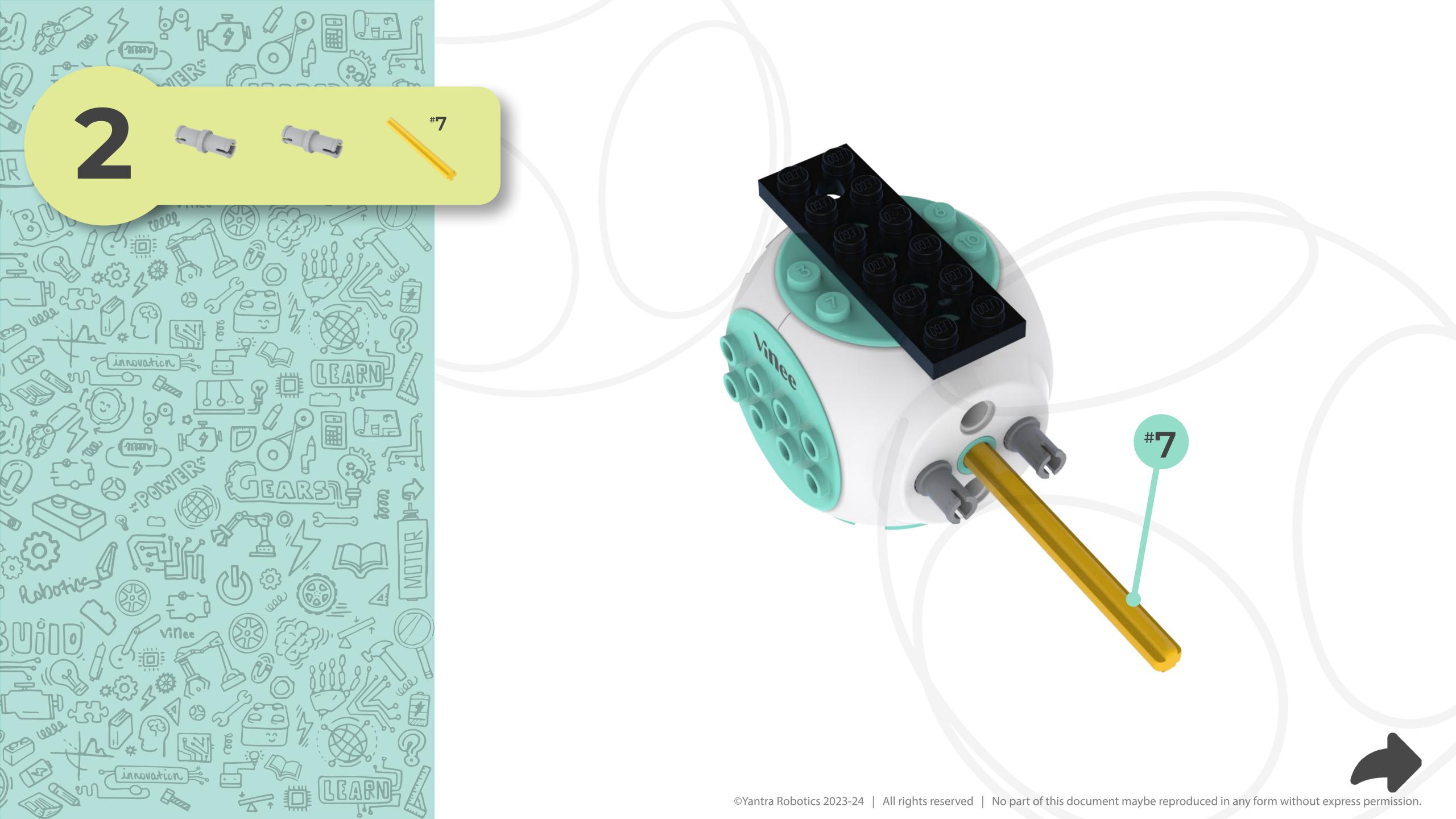
The chopper uses Bevel Gears to transfer the motor power into the direction of the "wheel" axle. Observe how Bevel Gears' teeth can mesh at a 90° angle and how the beveled teeth allow power to shift from one direction to another.

ViNee Set: Essential

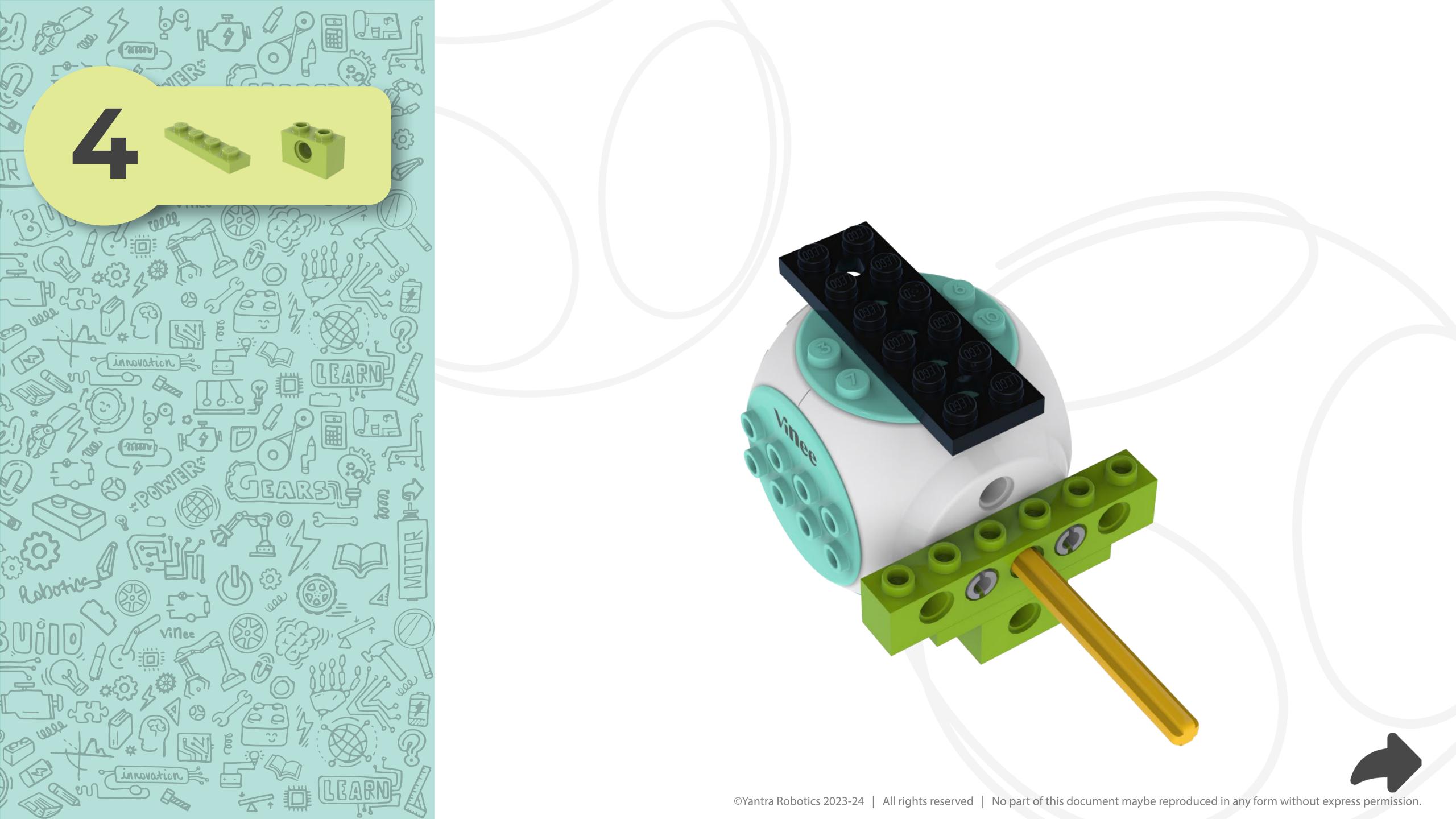
Learn: • Bevel Gear

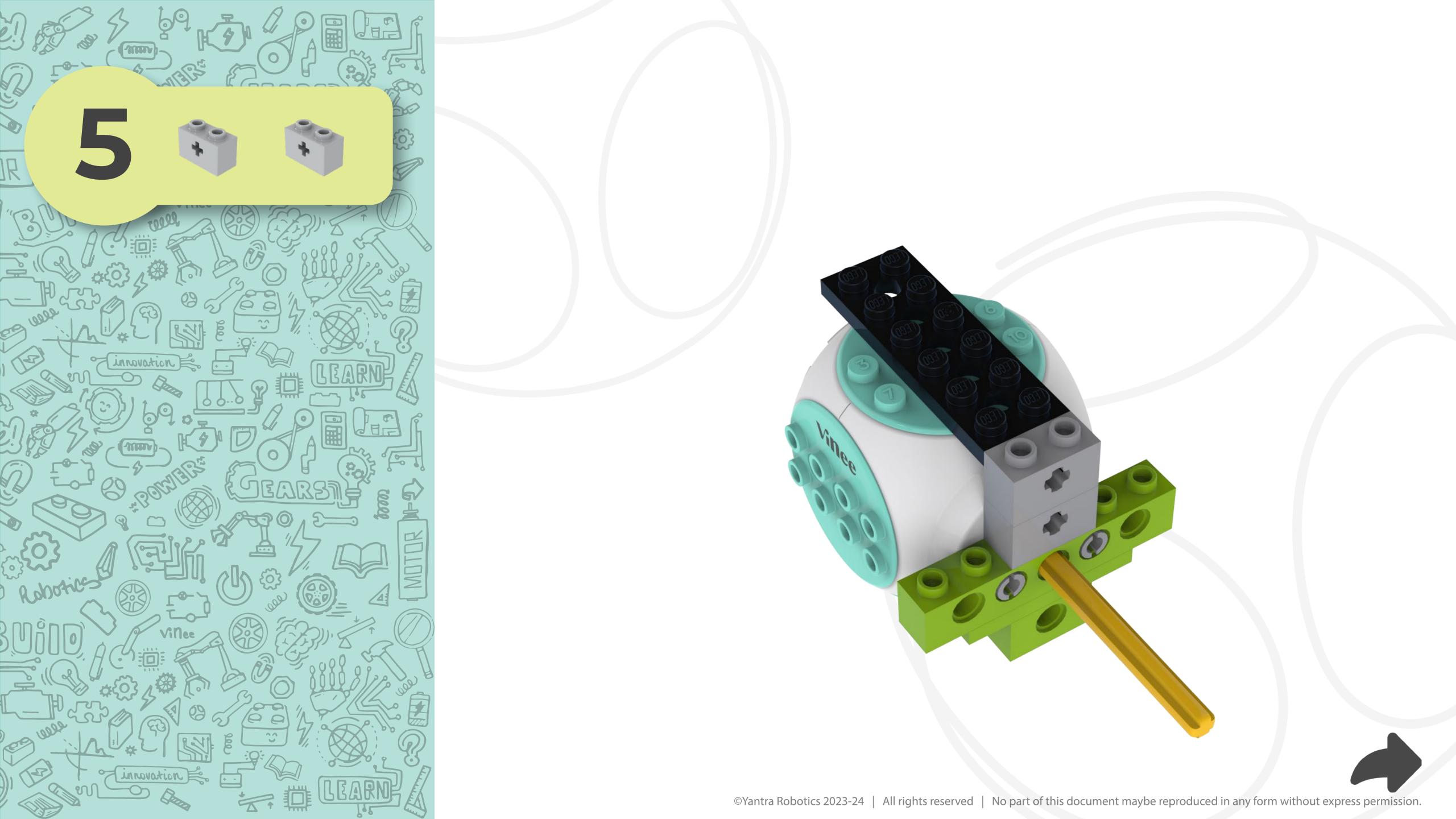


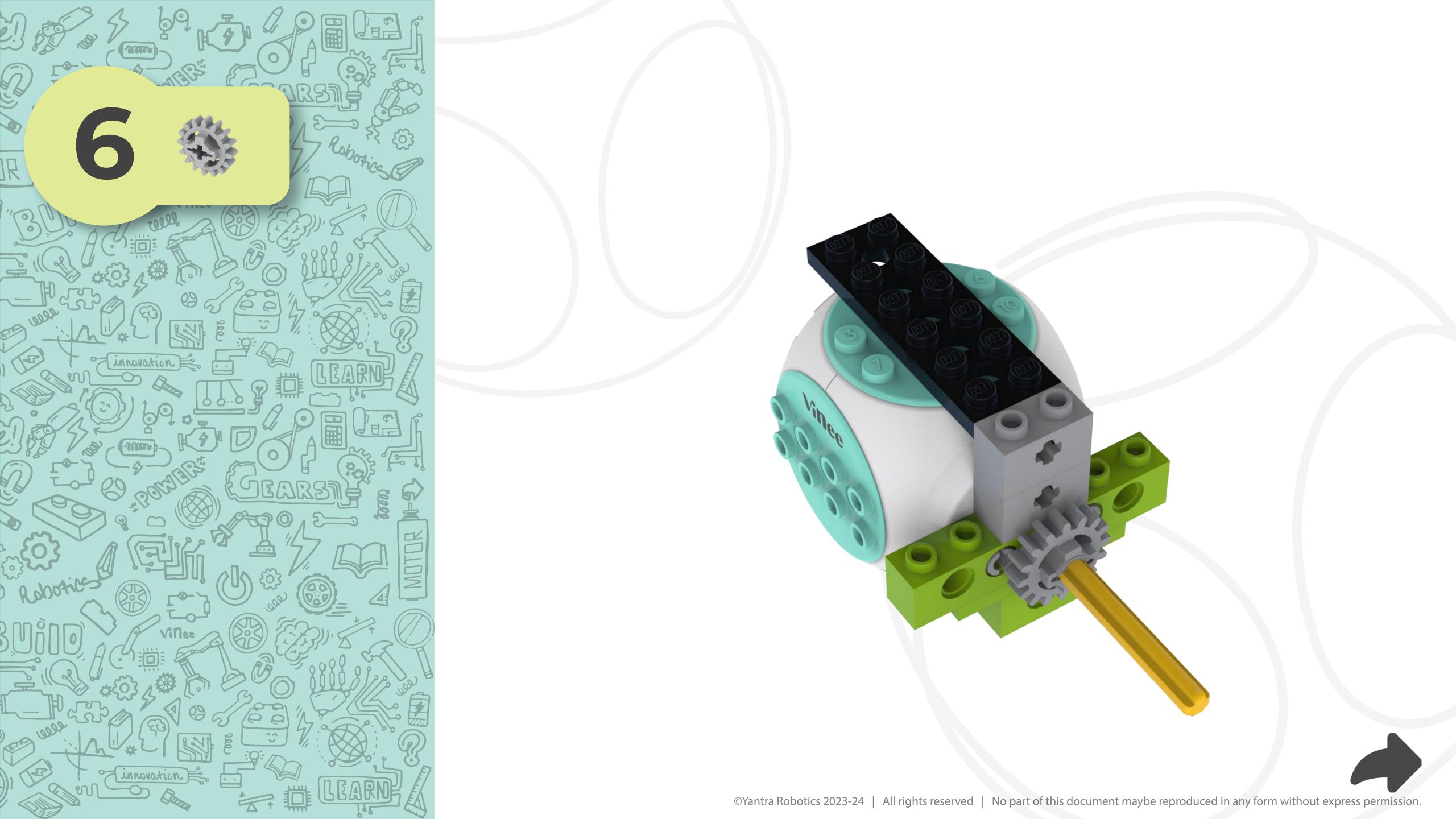


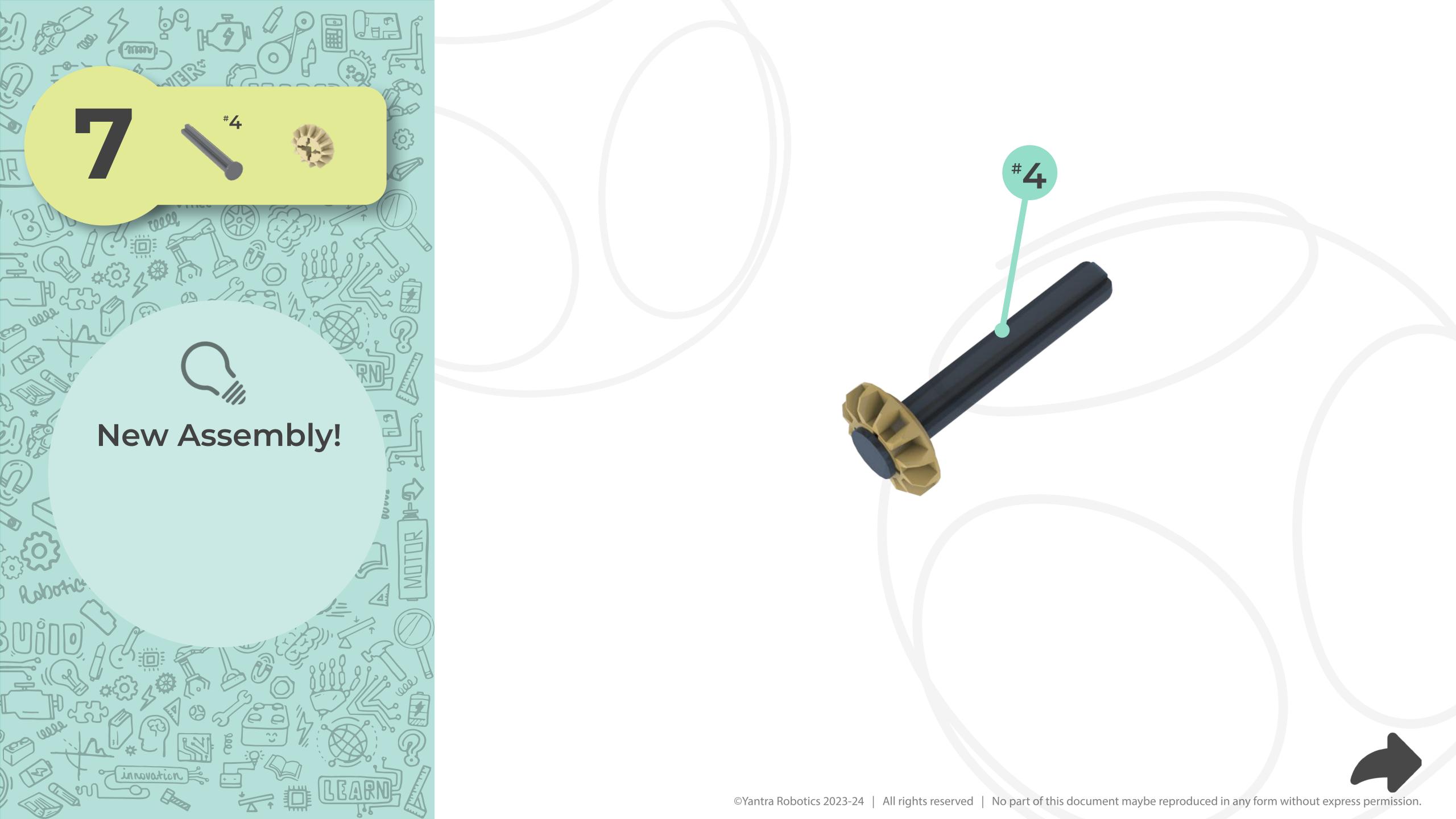


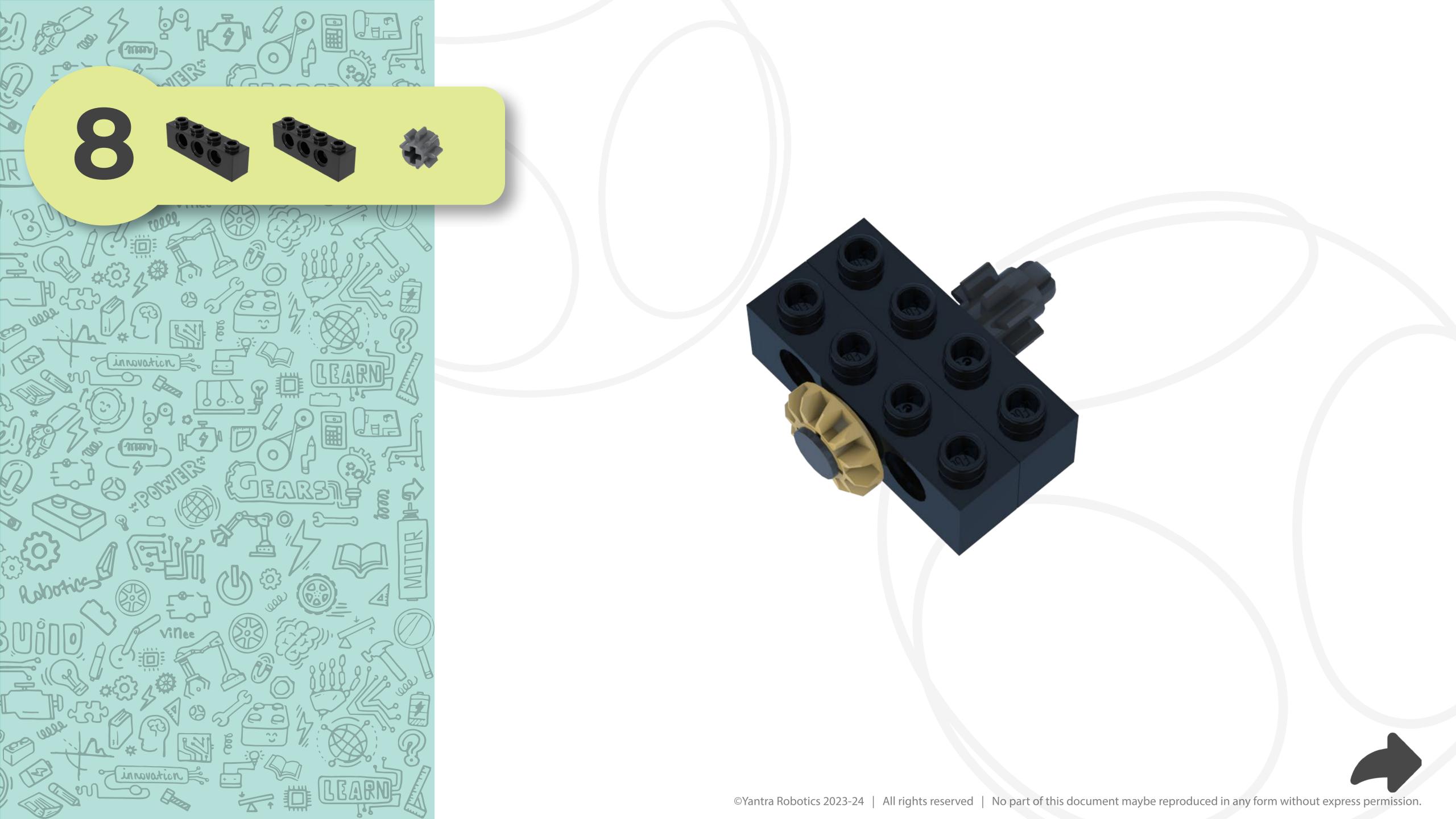


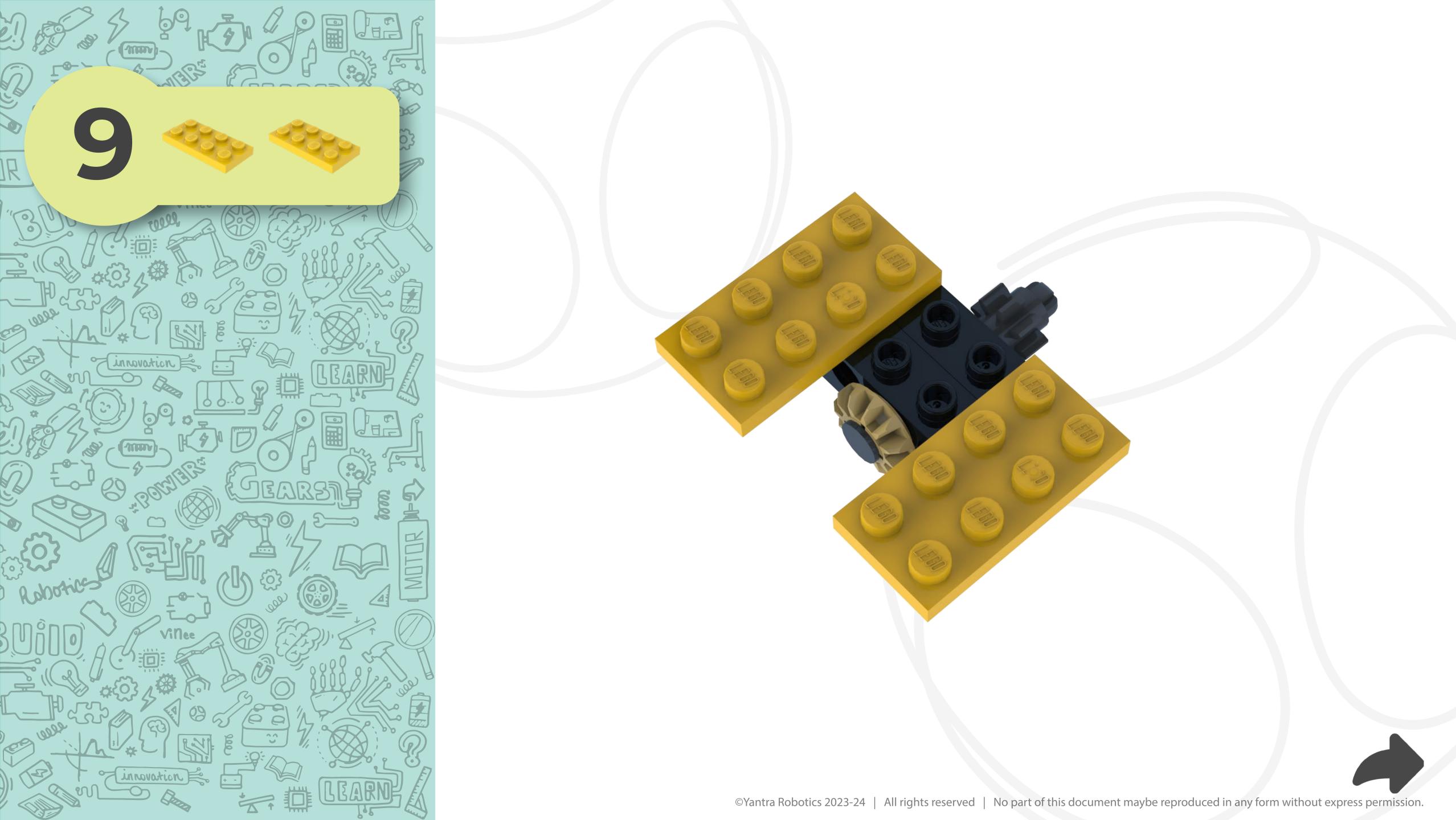


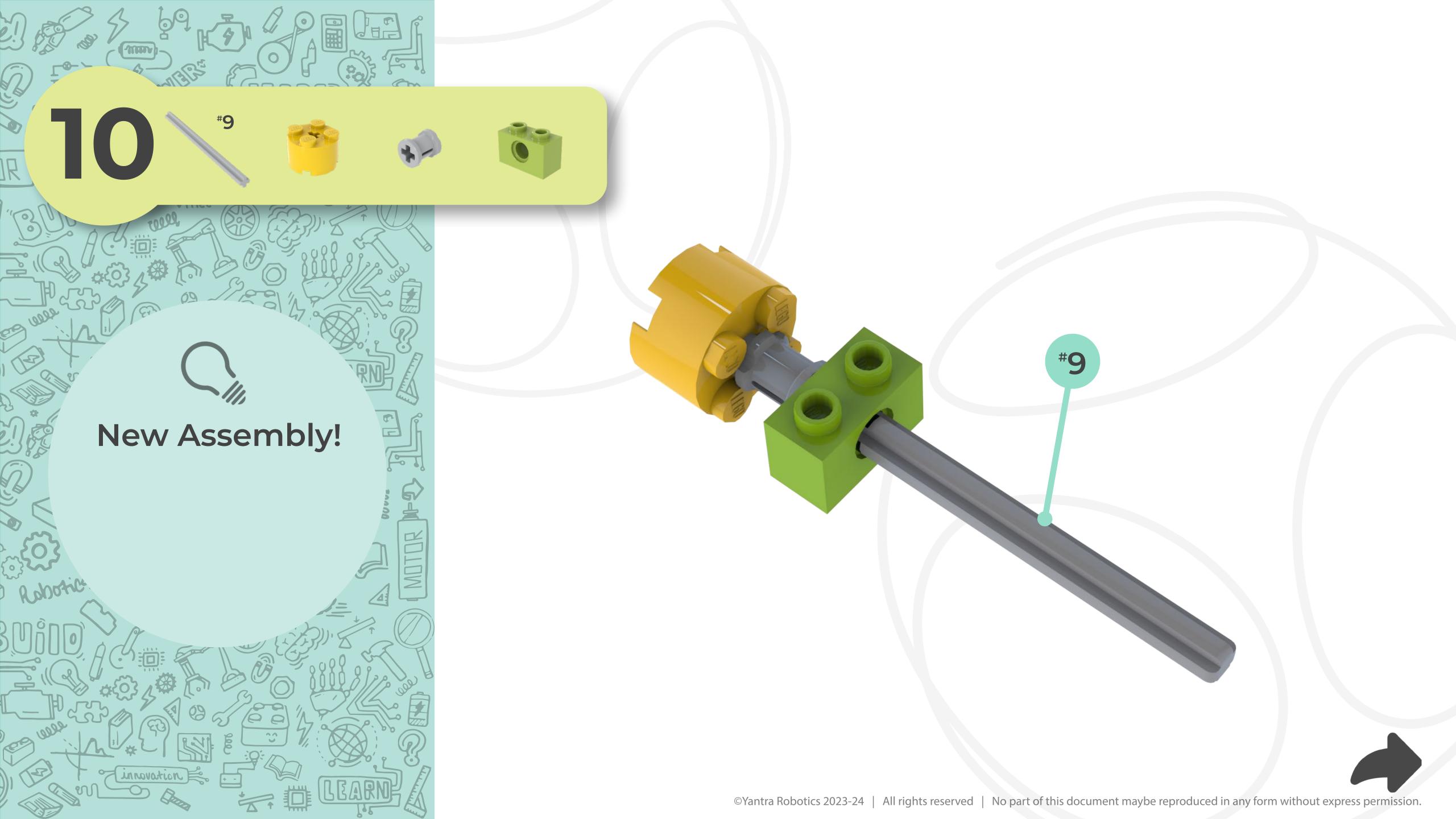


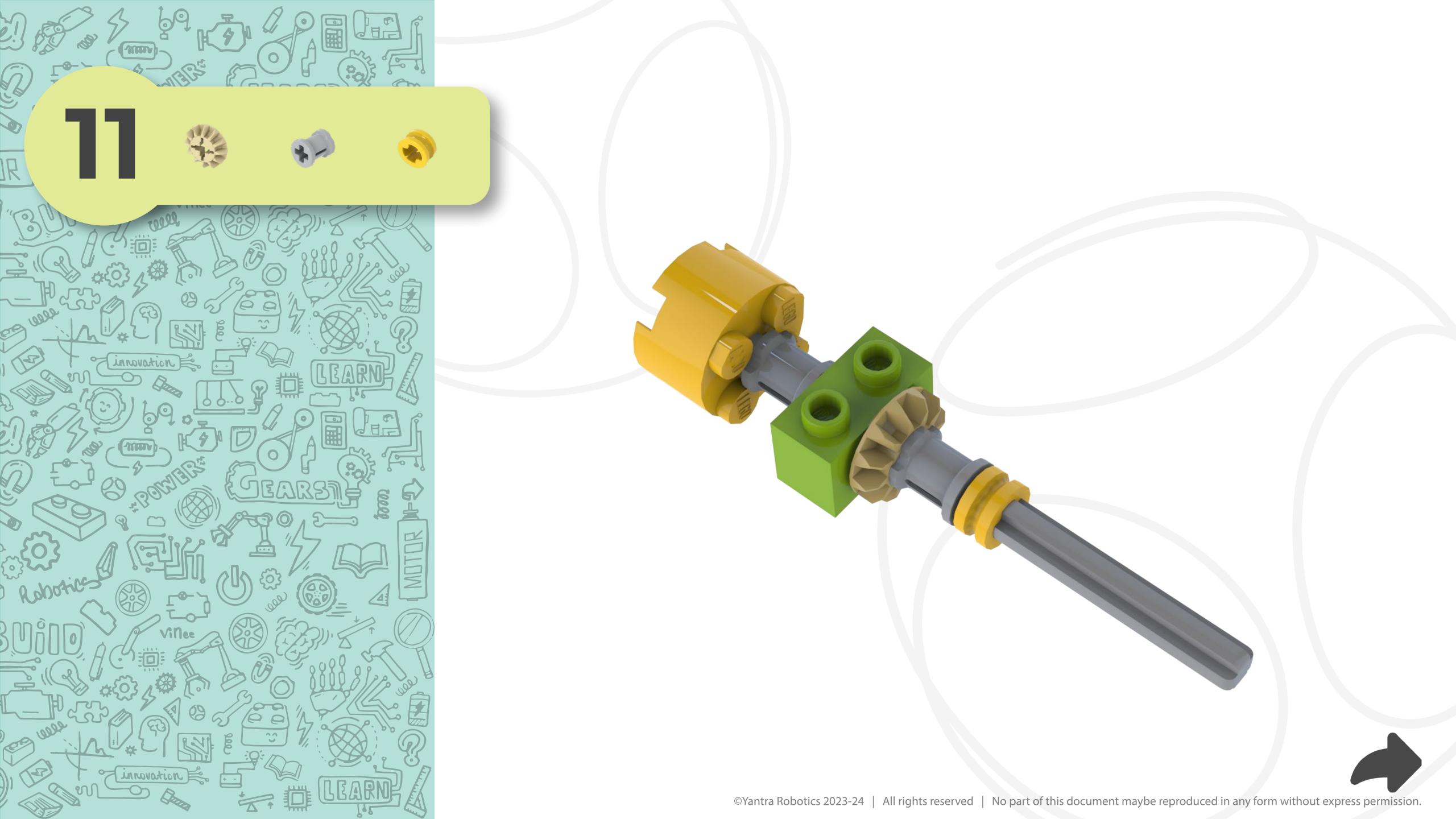


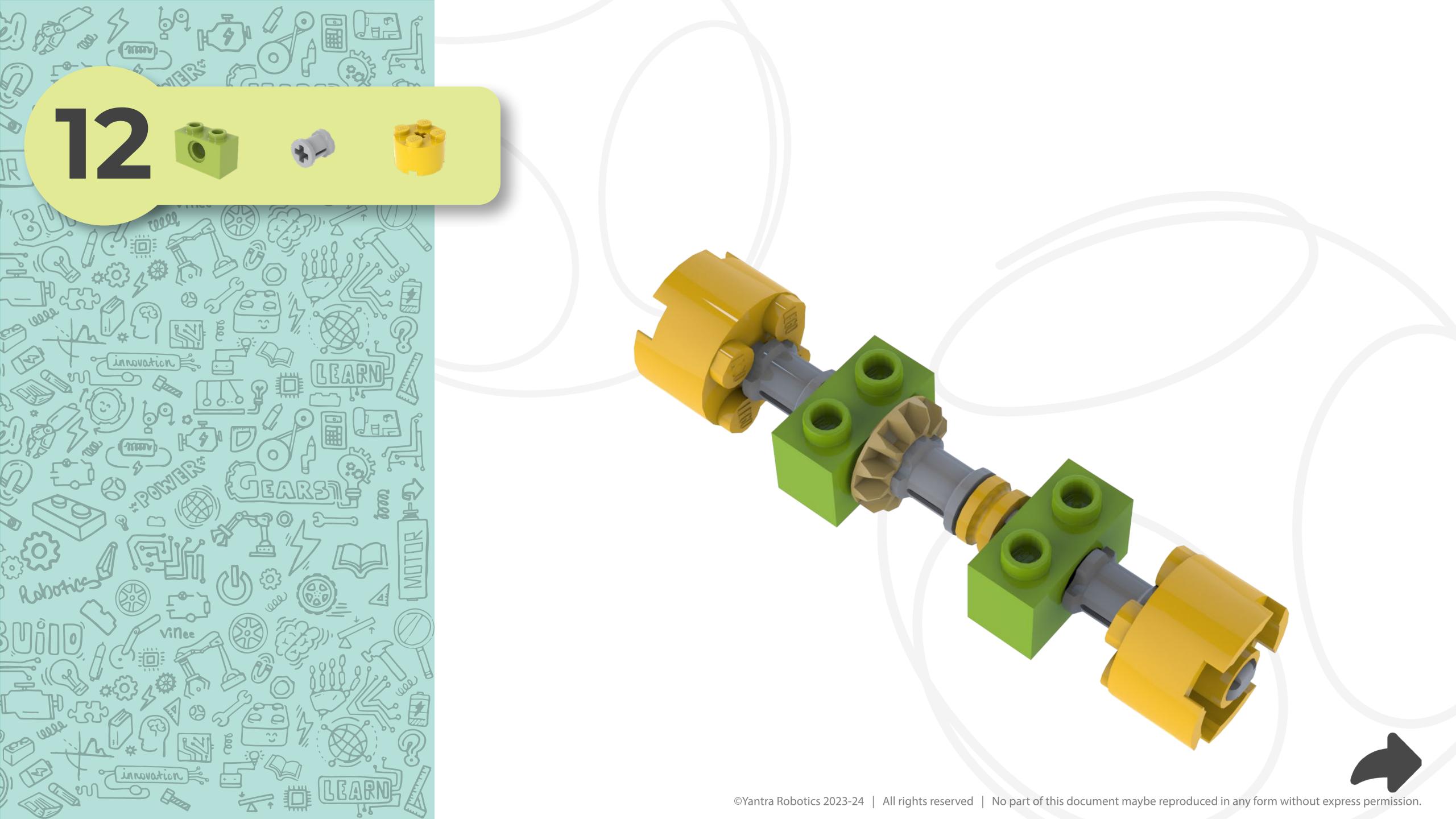


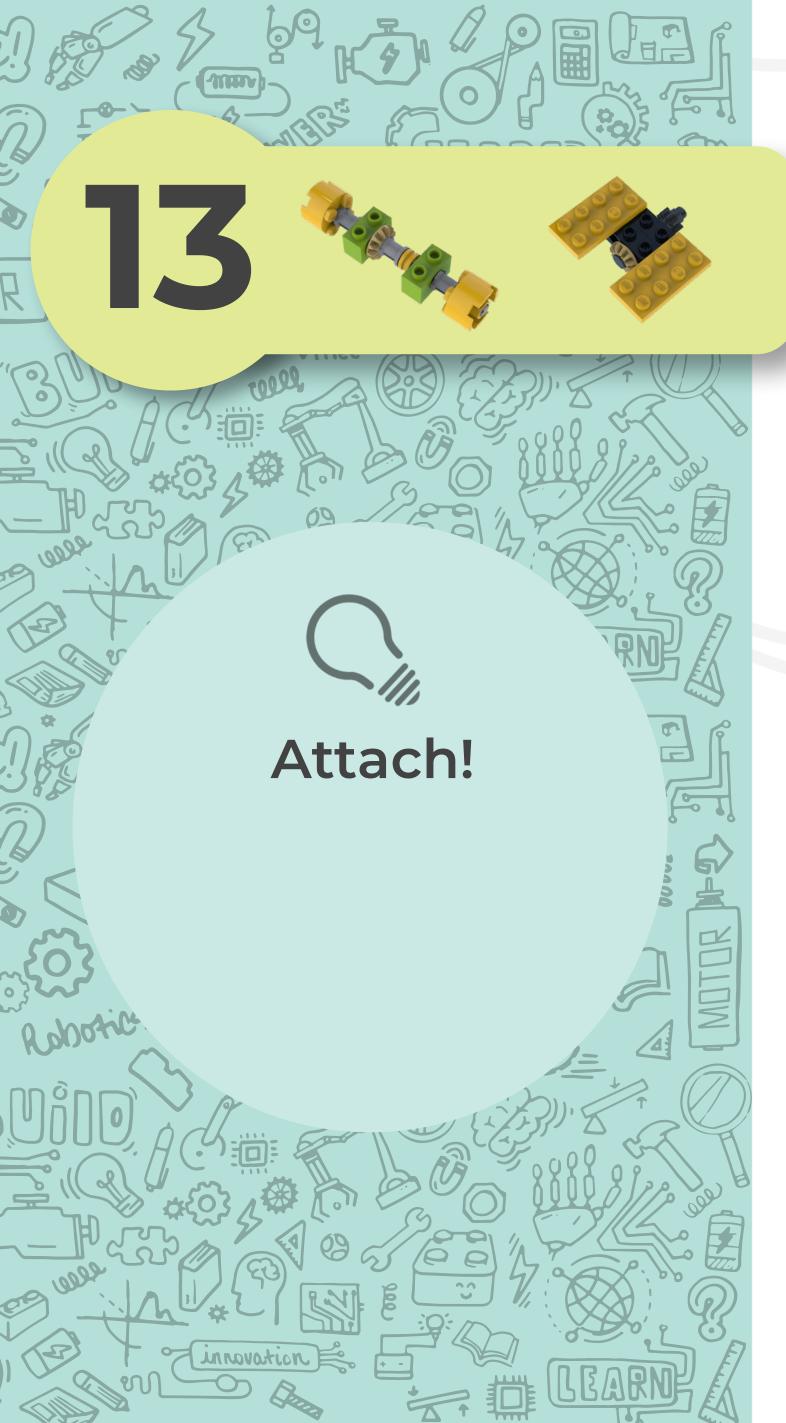


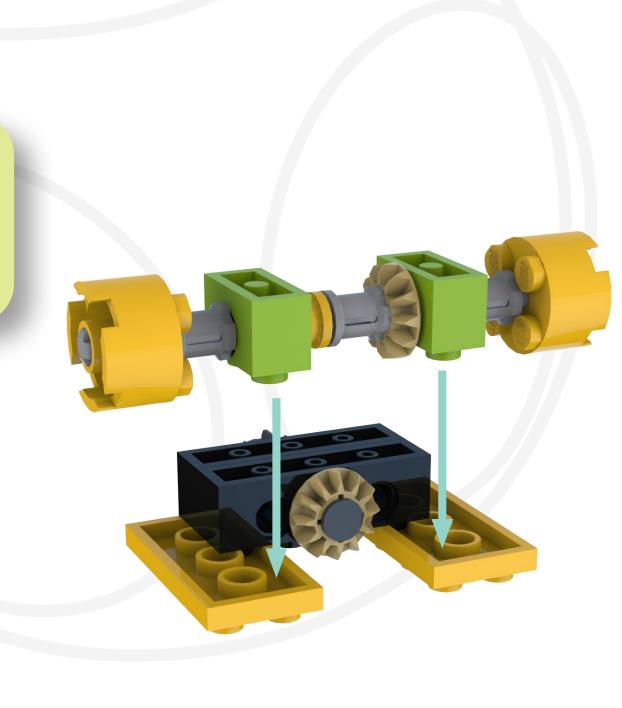




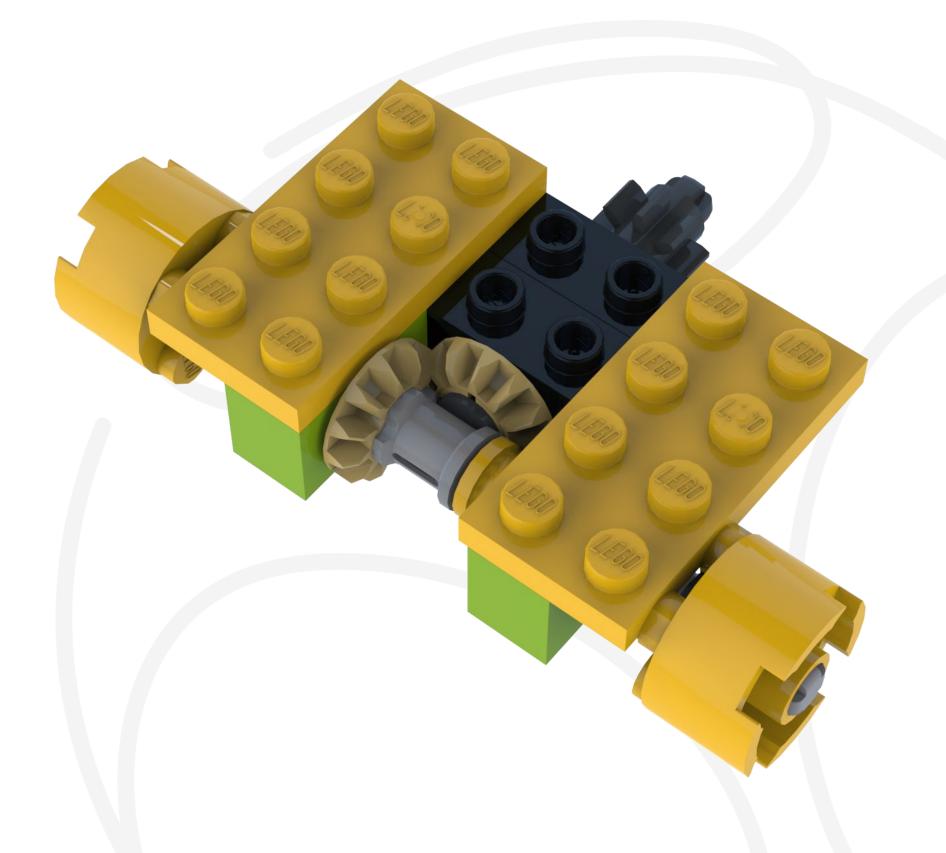




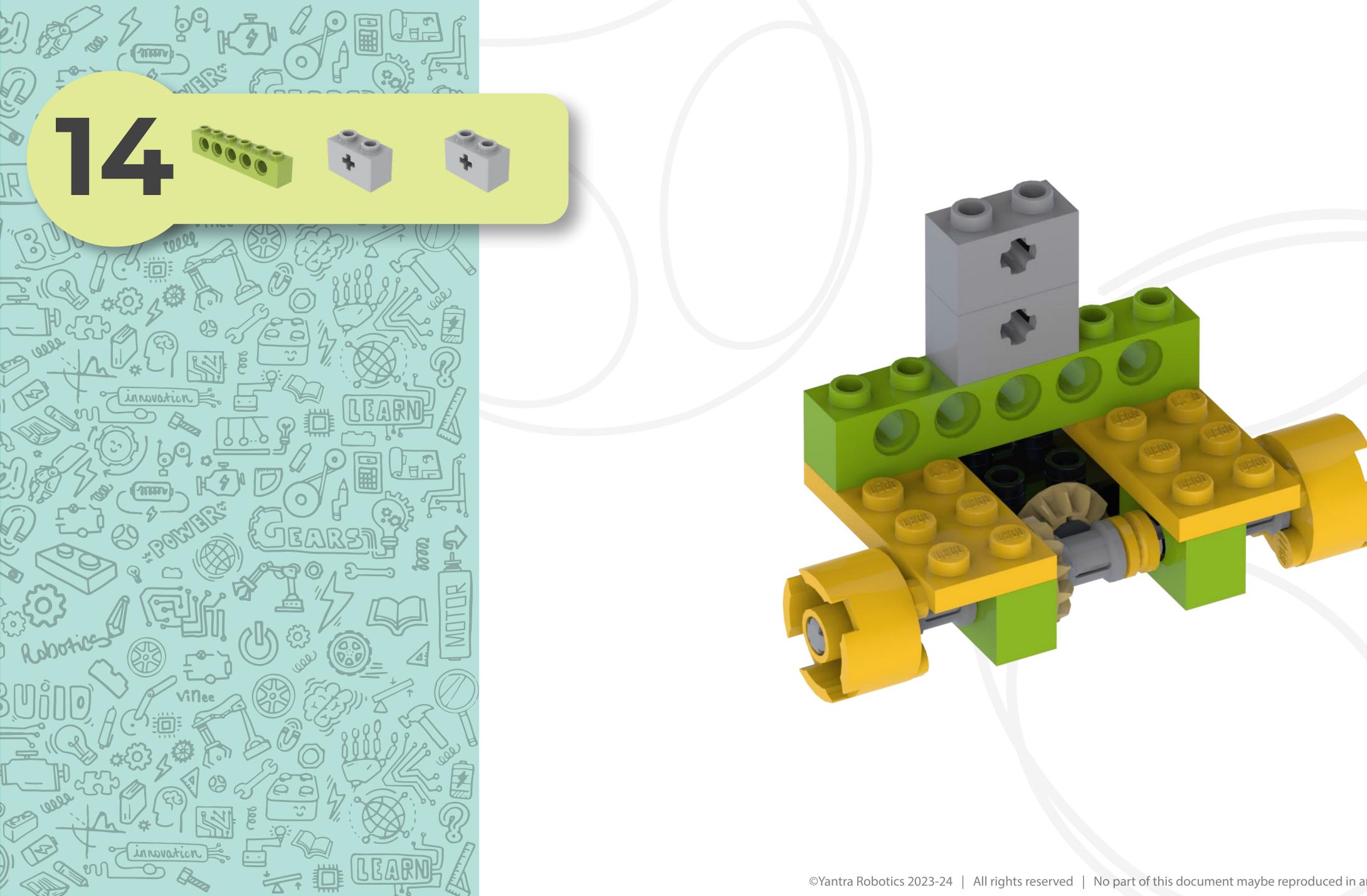




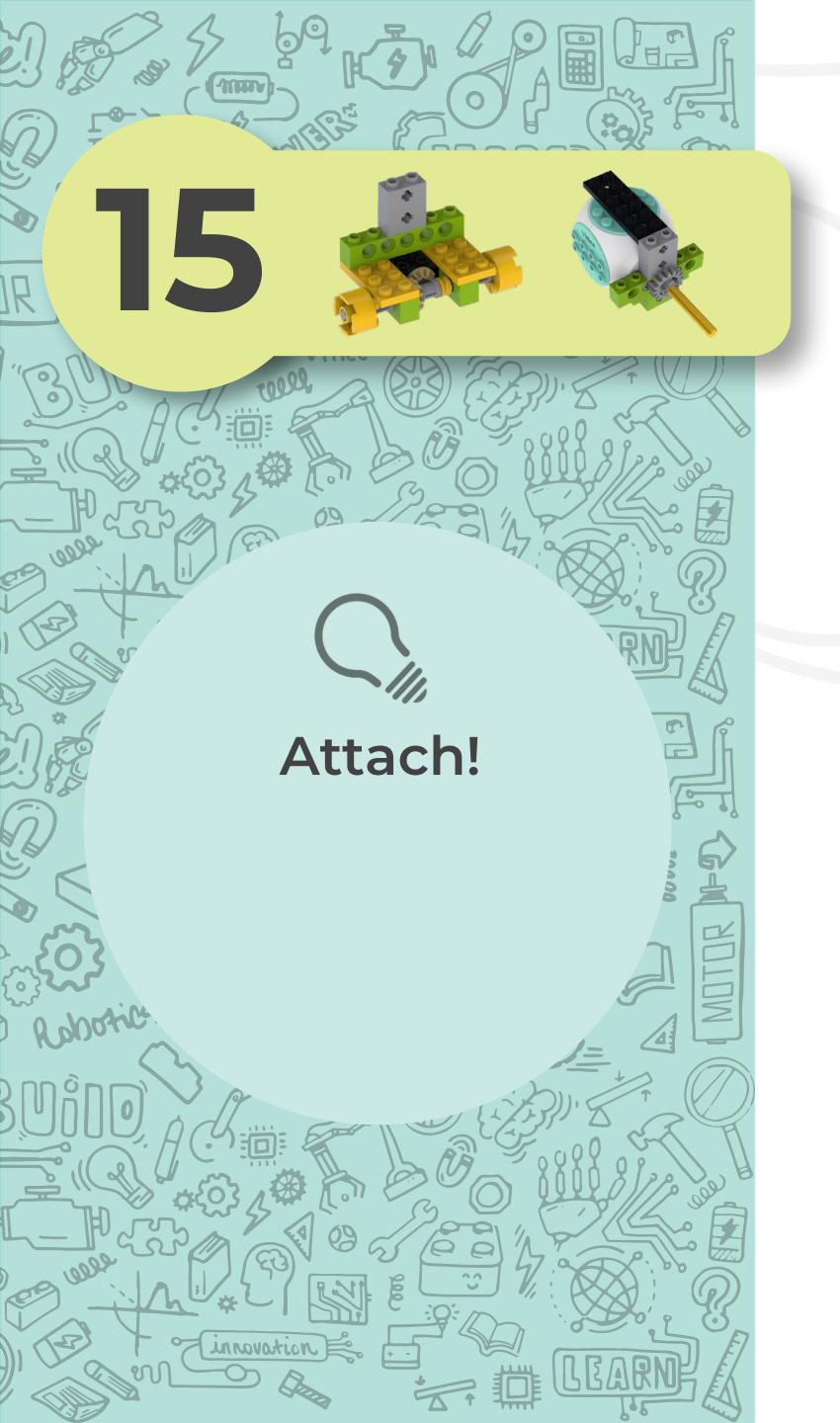




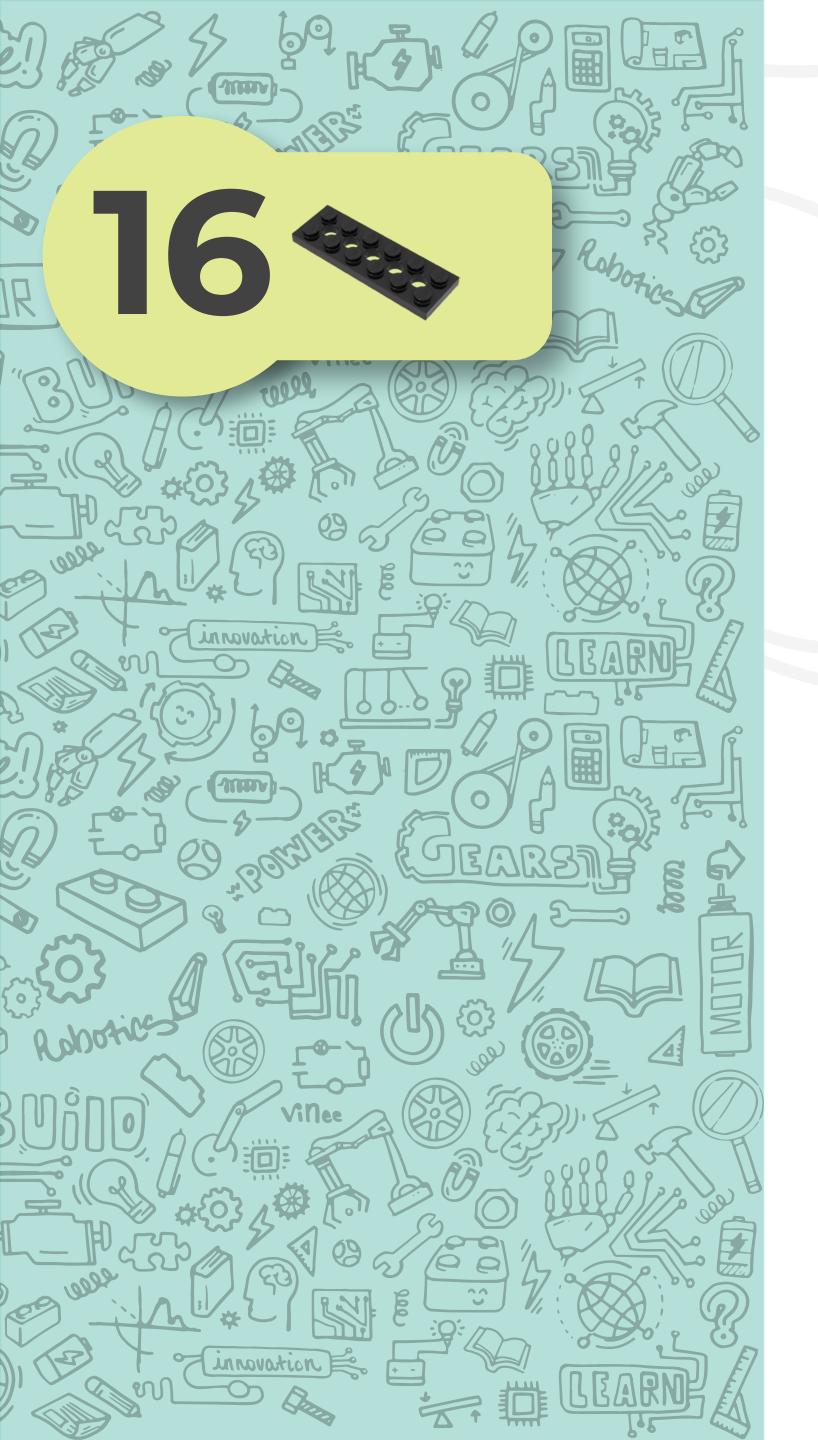


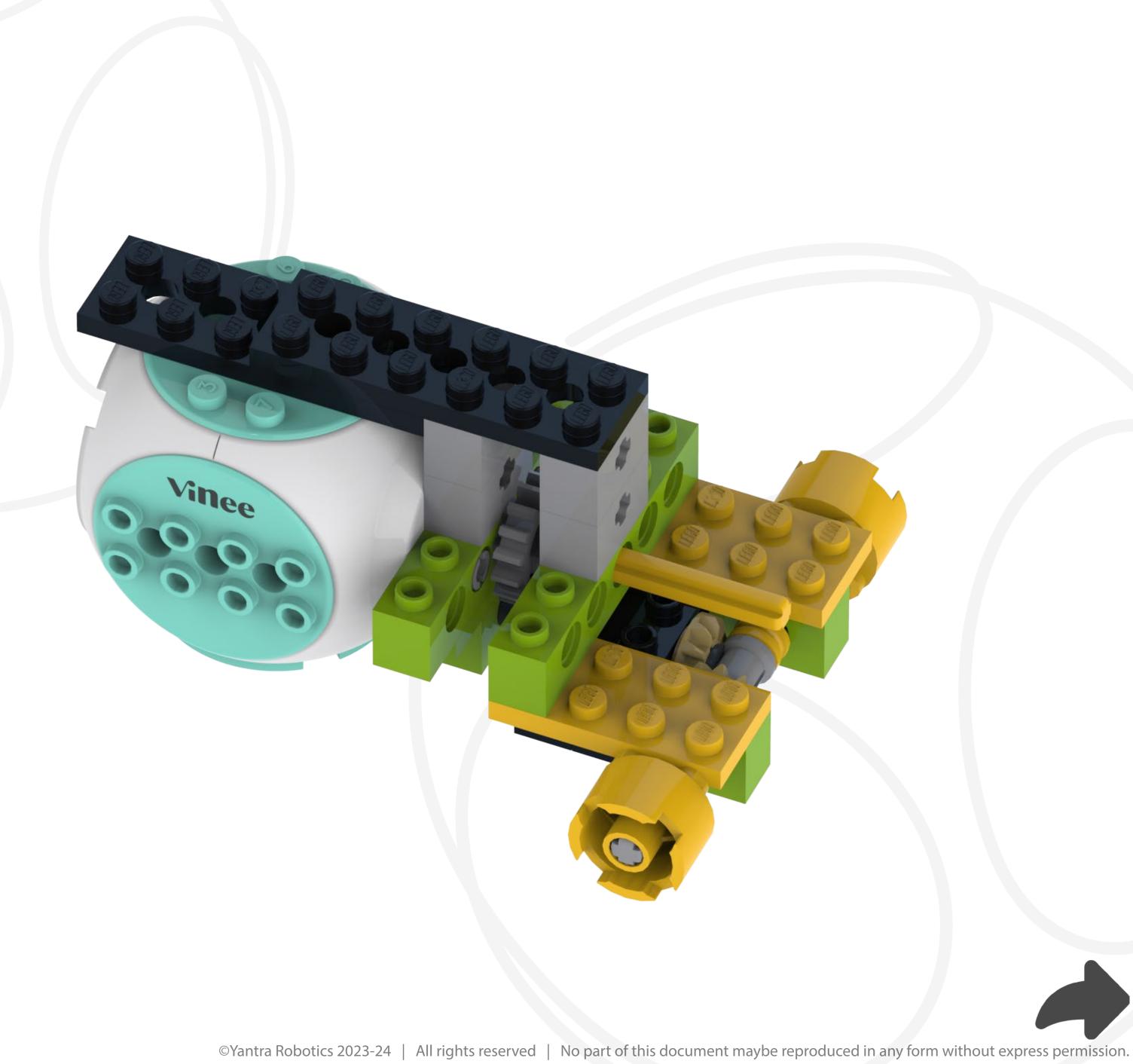


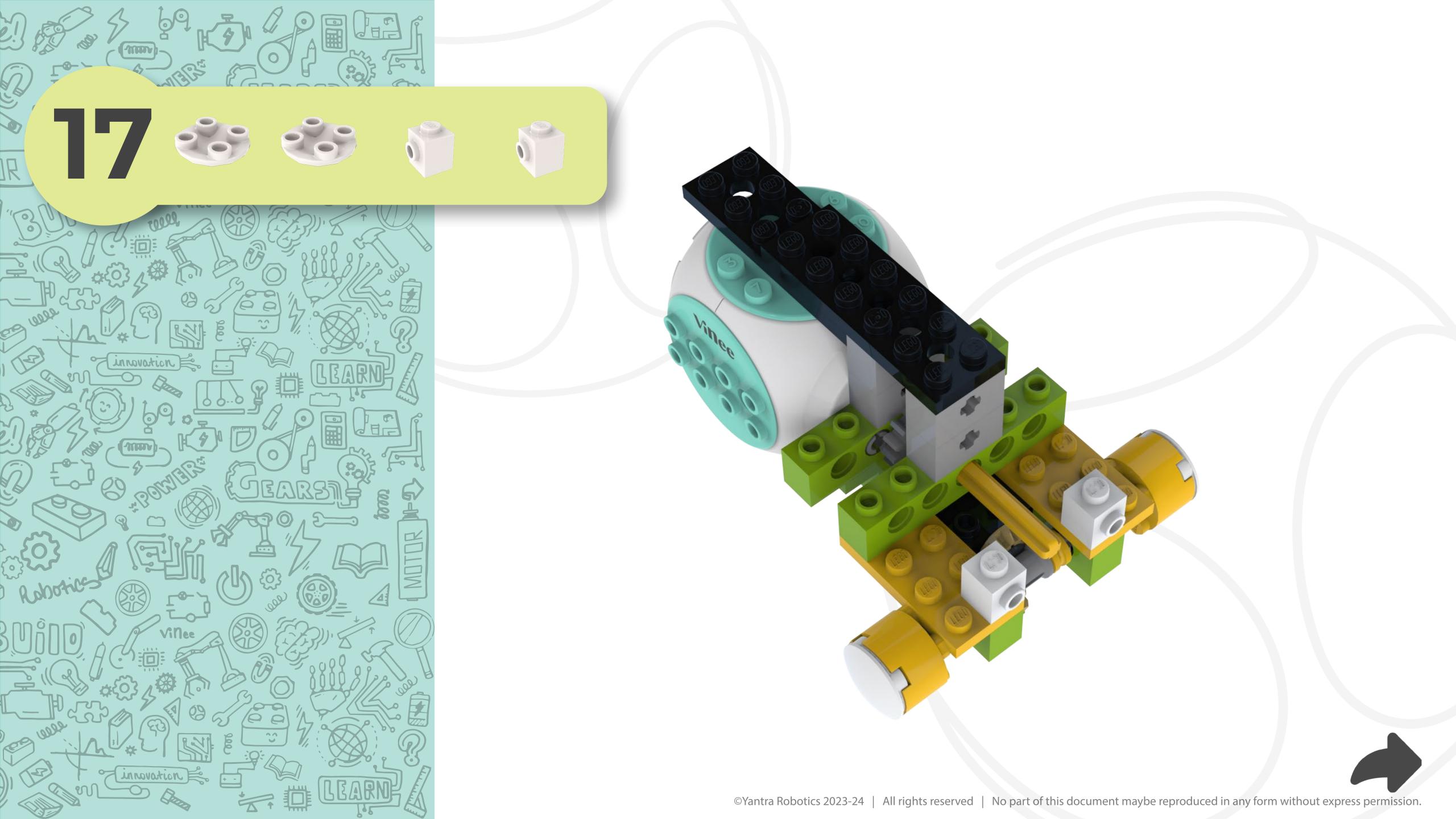


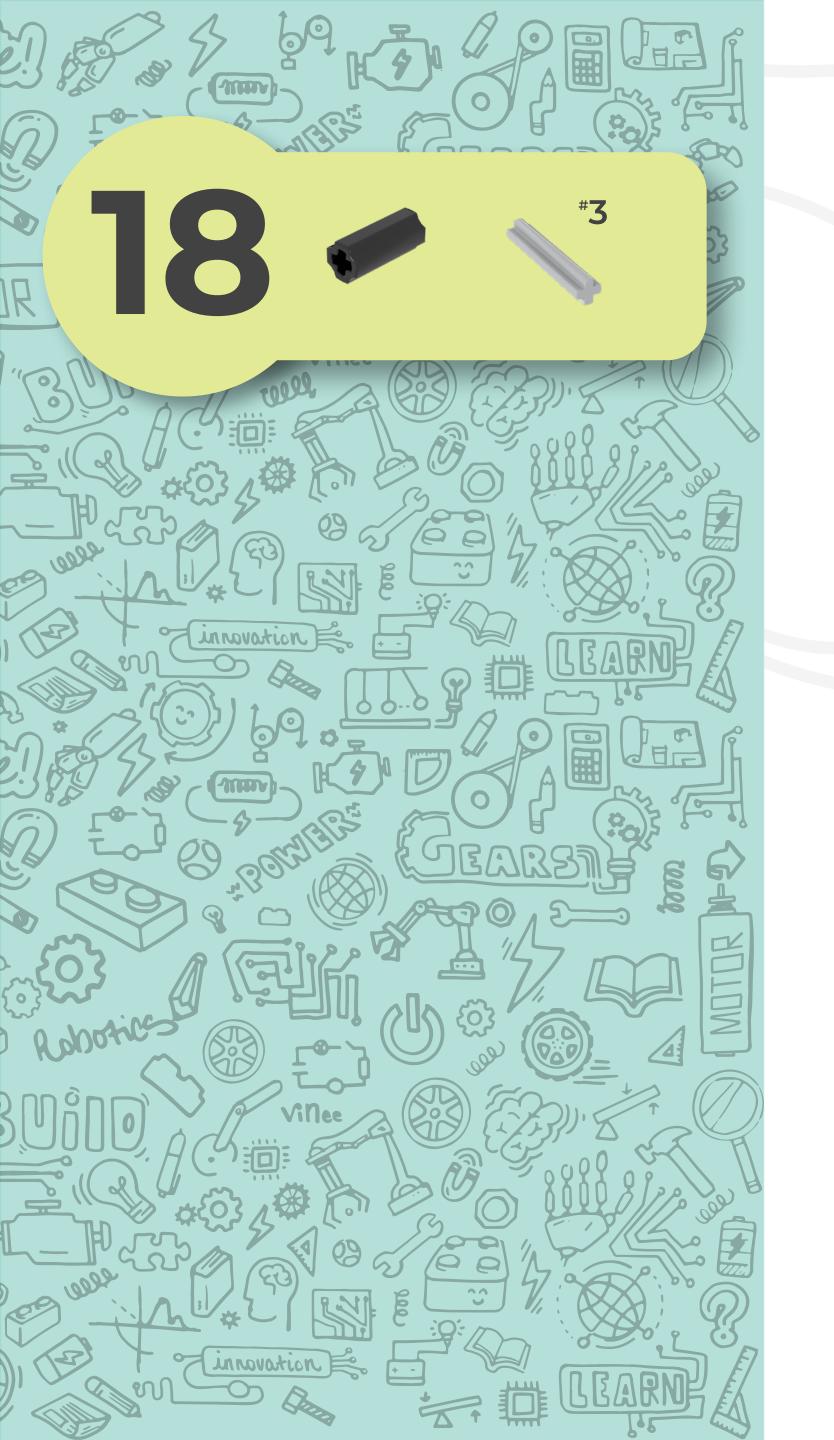


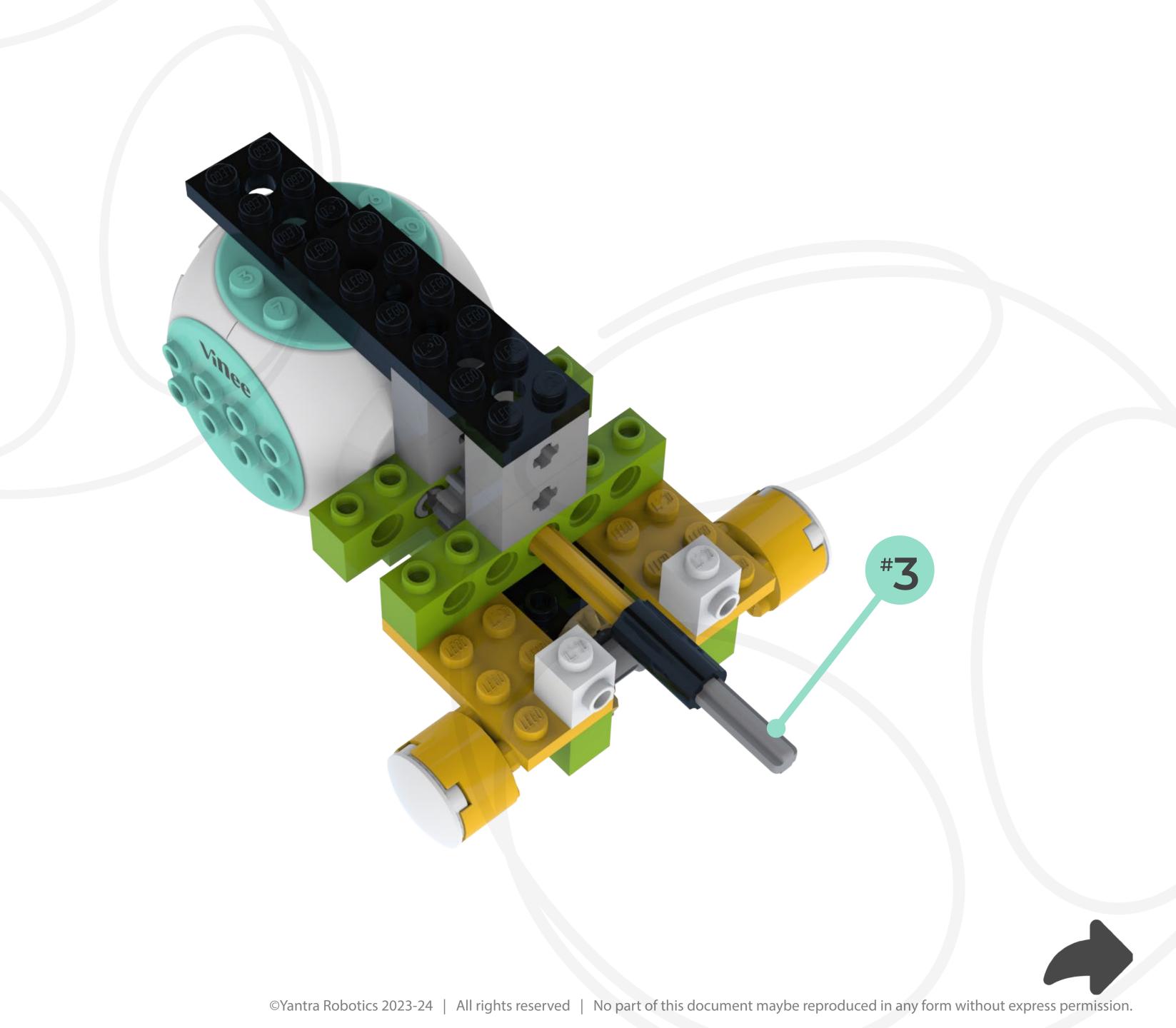


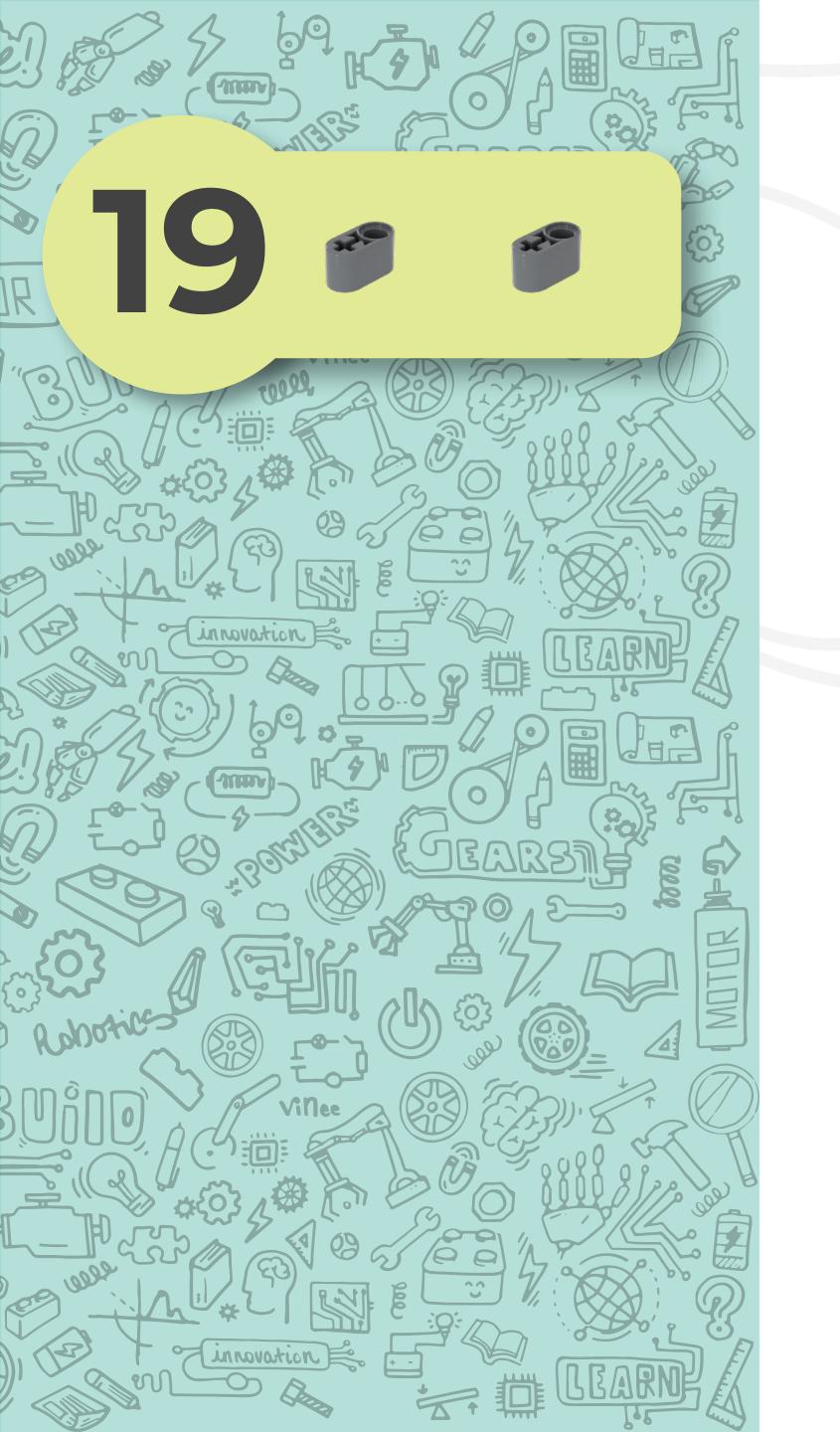


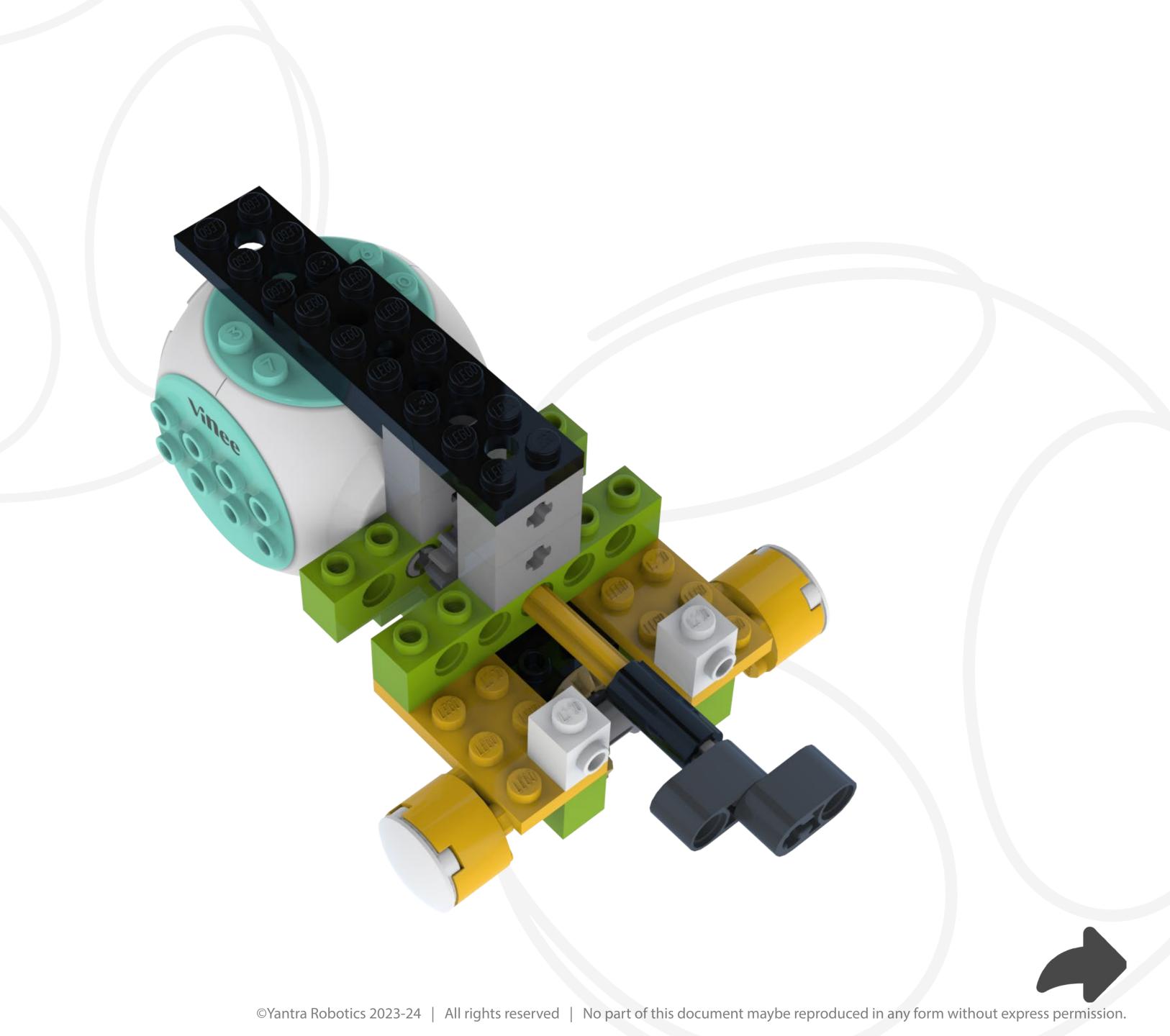


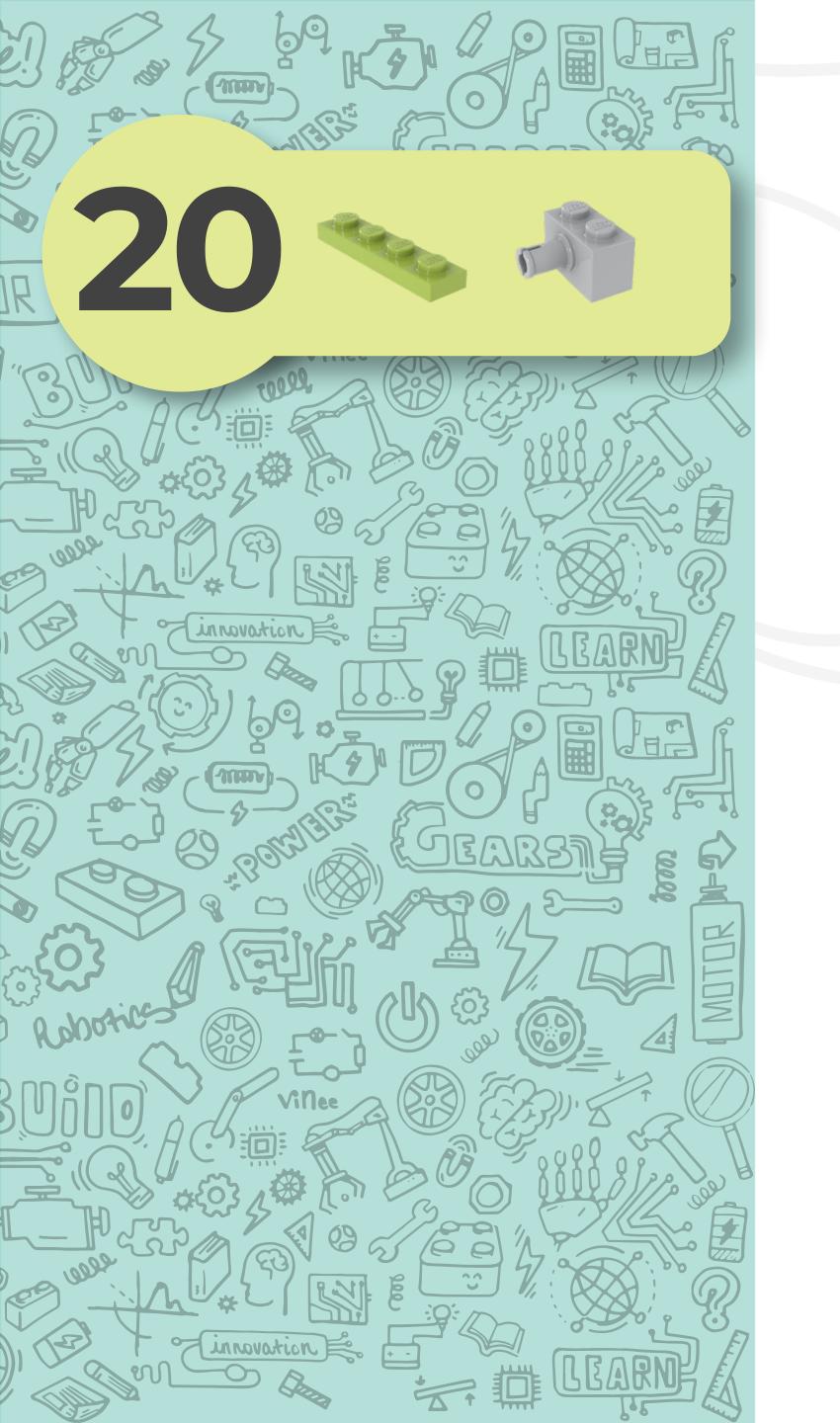


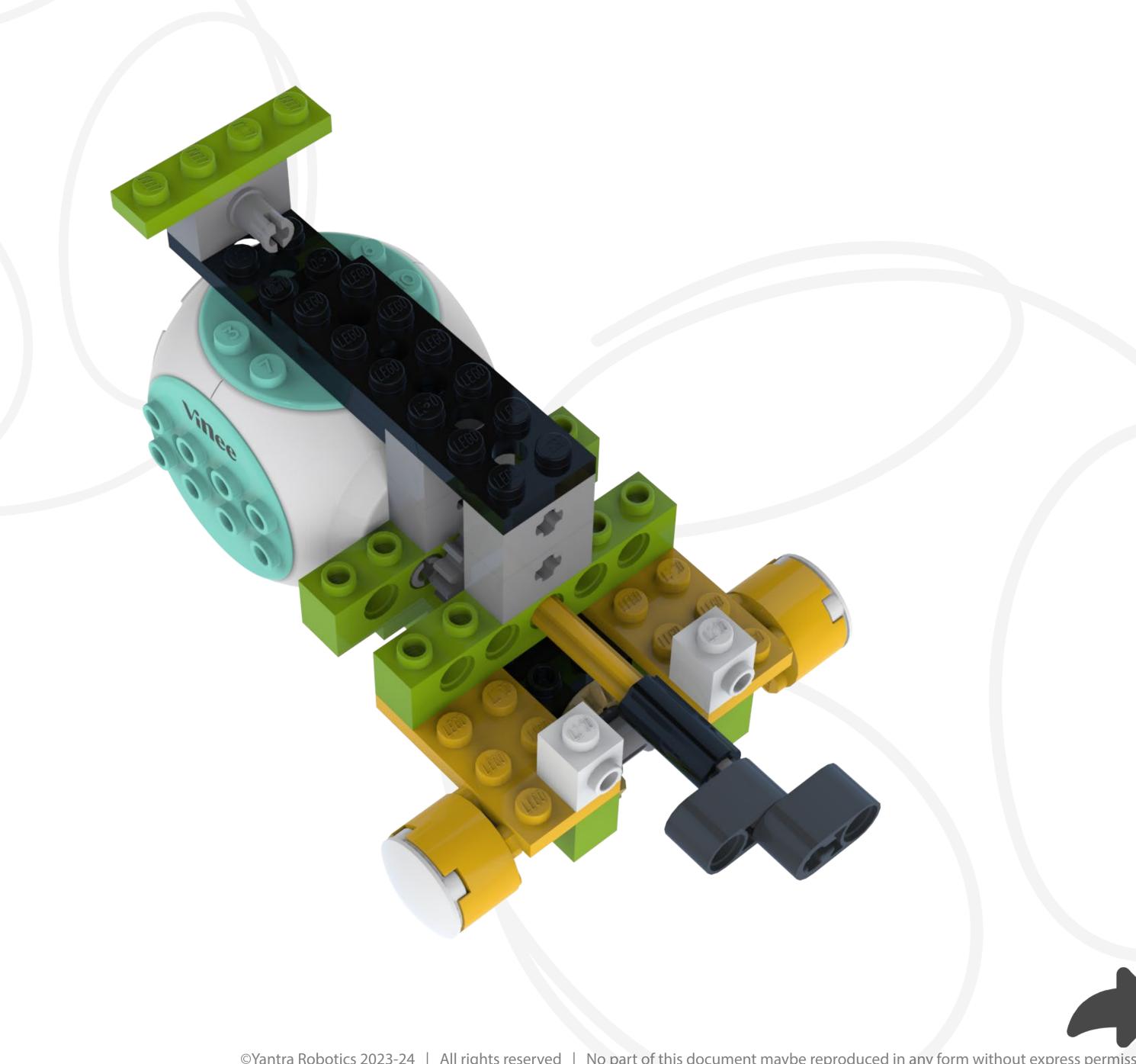




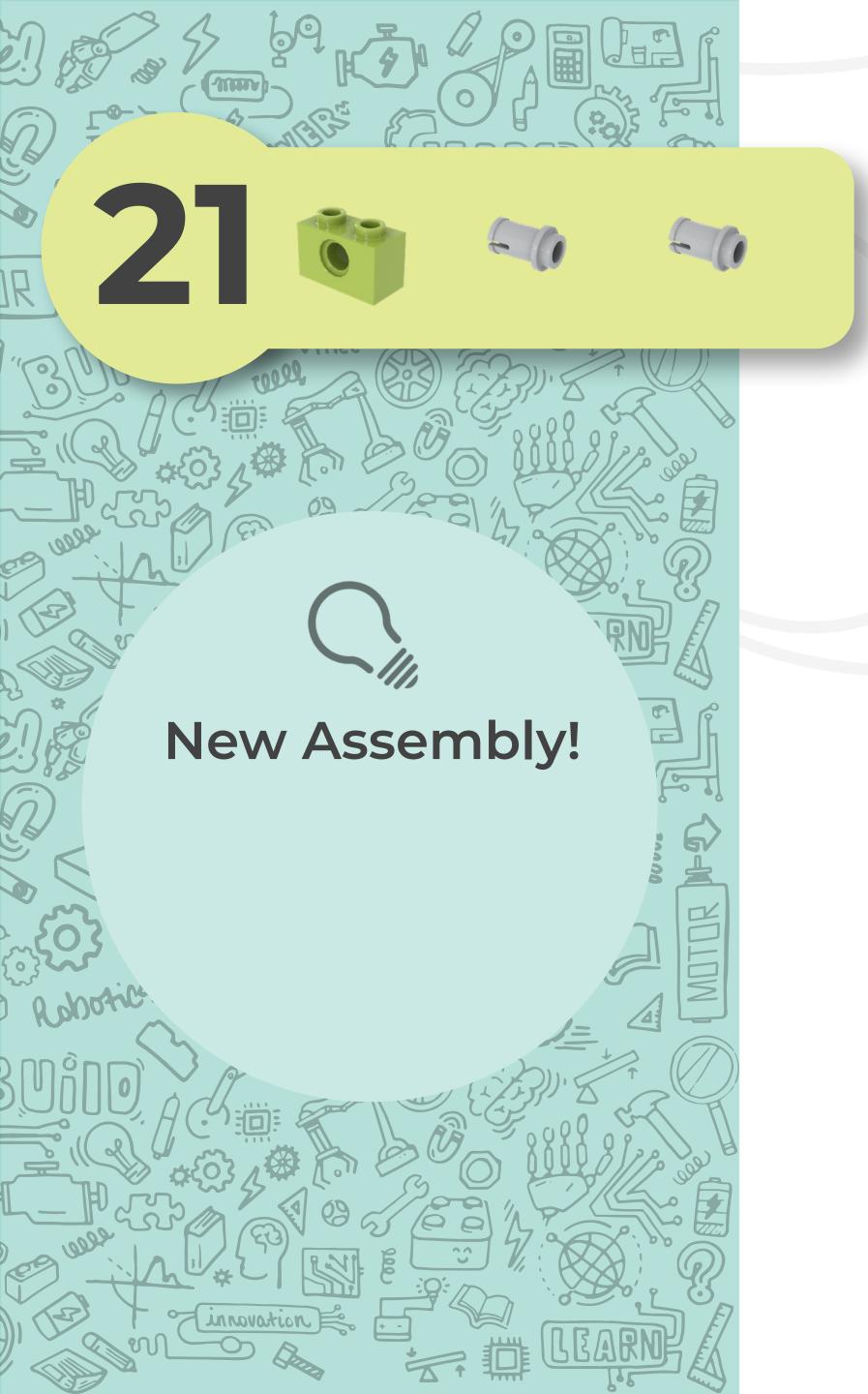






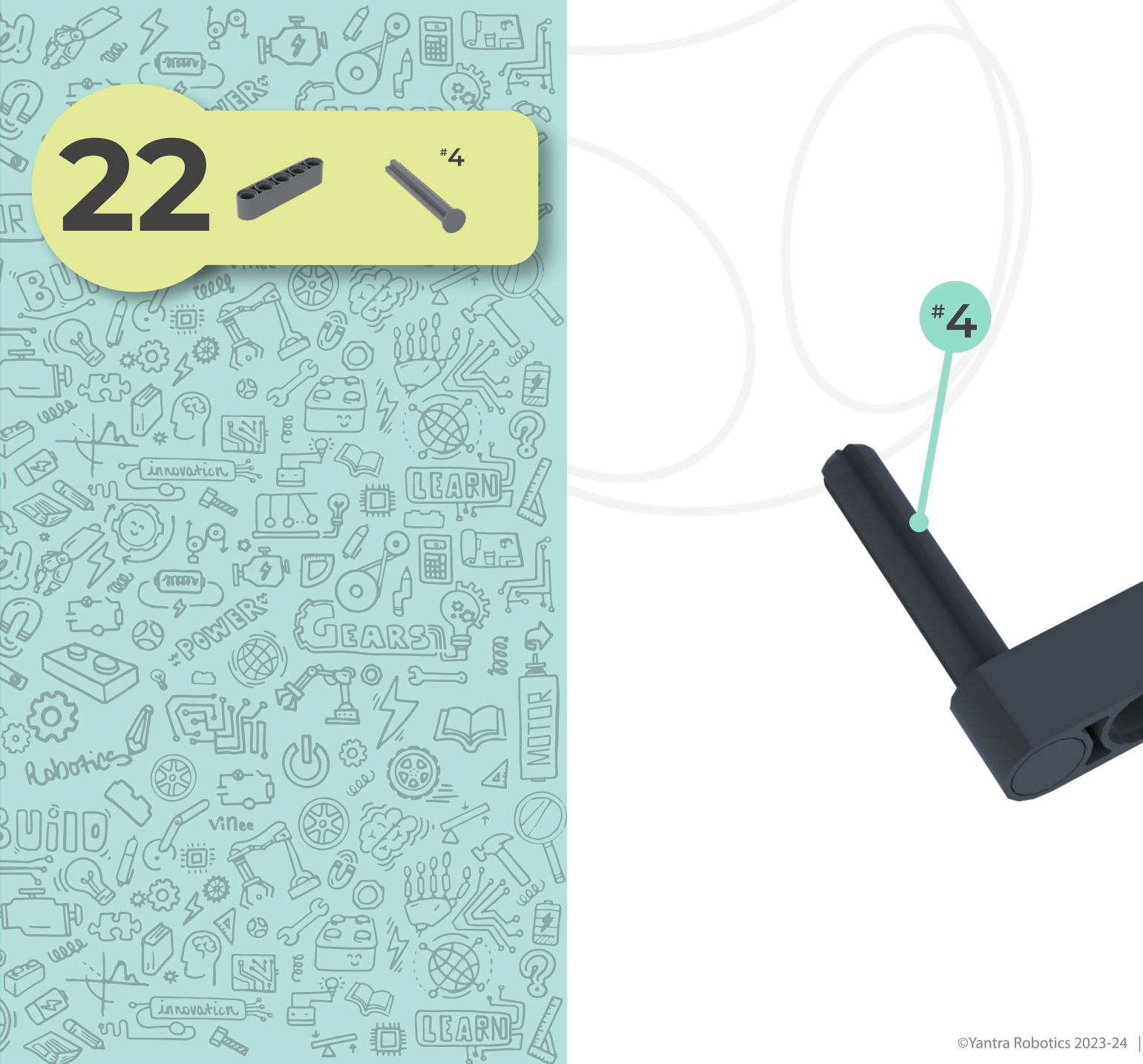


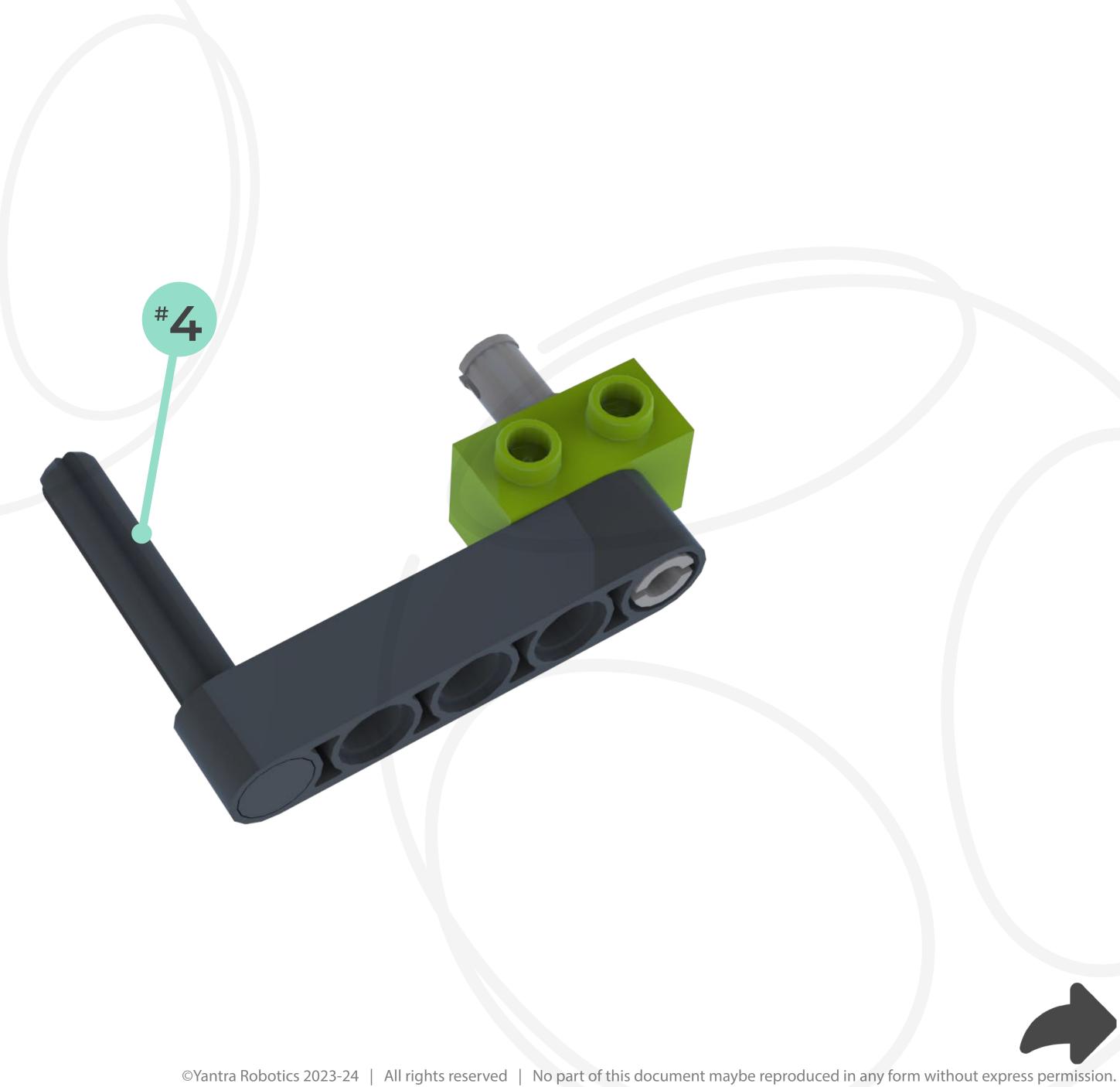




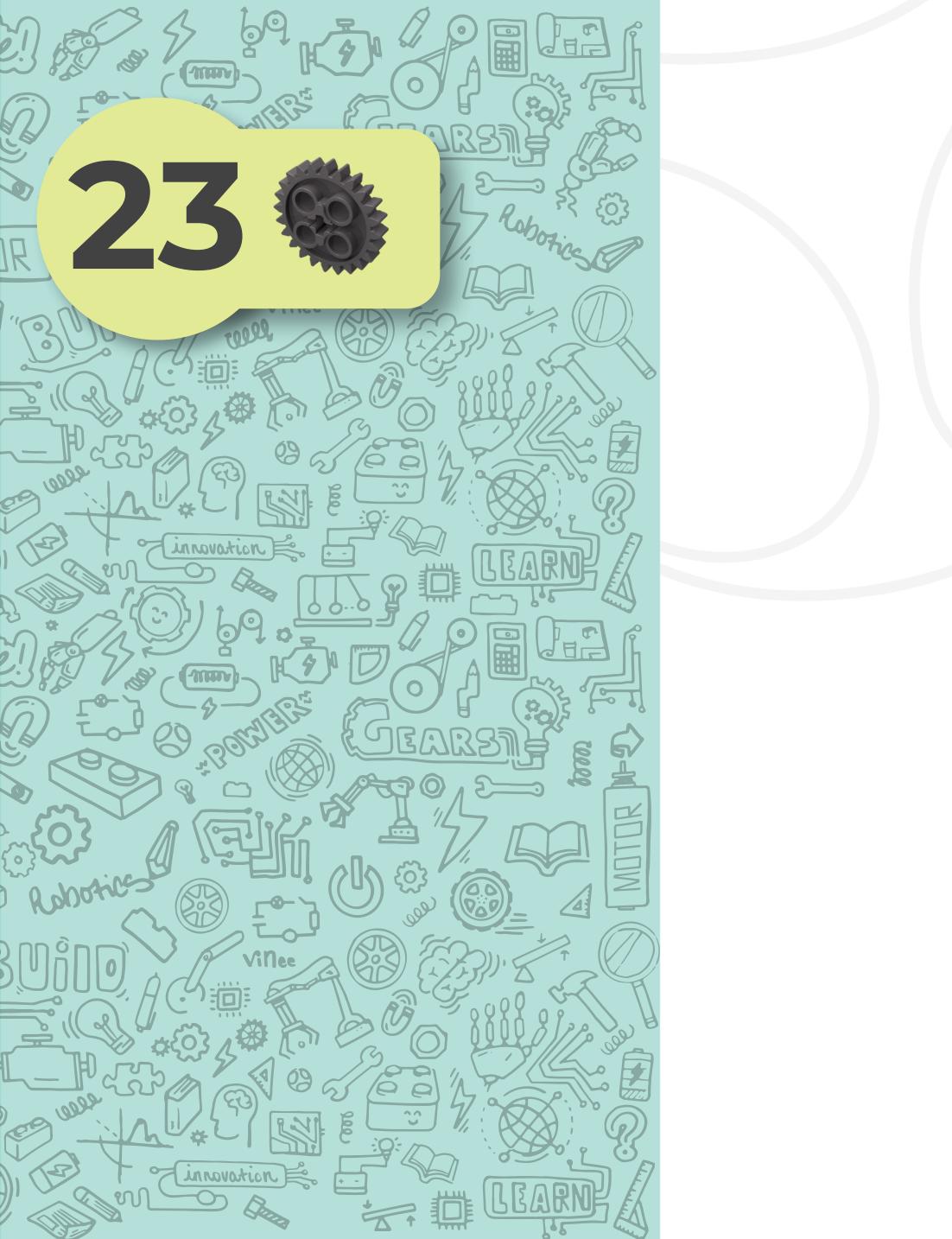


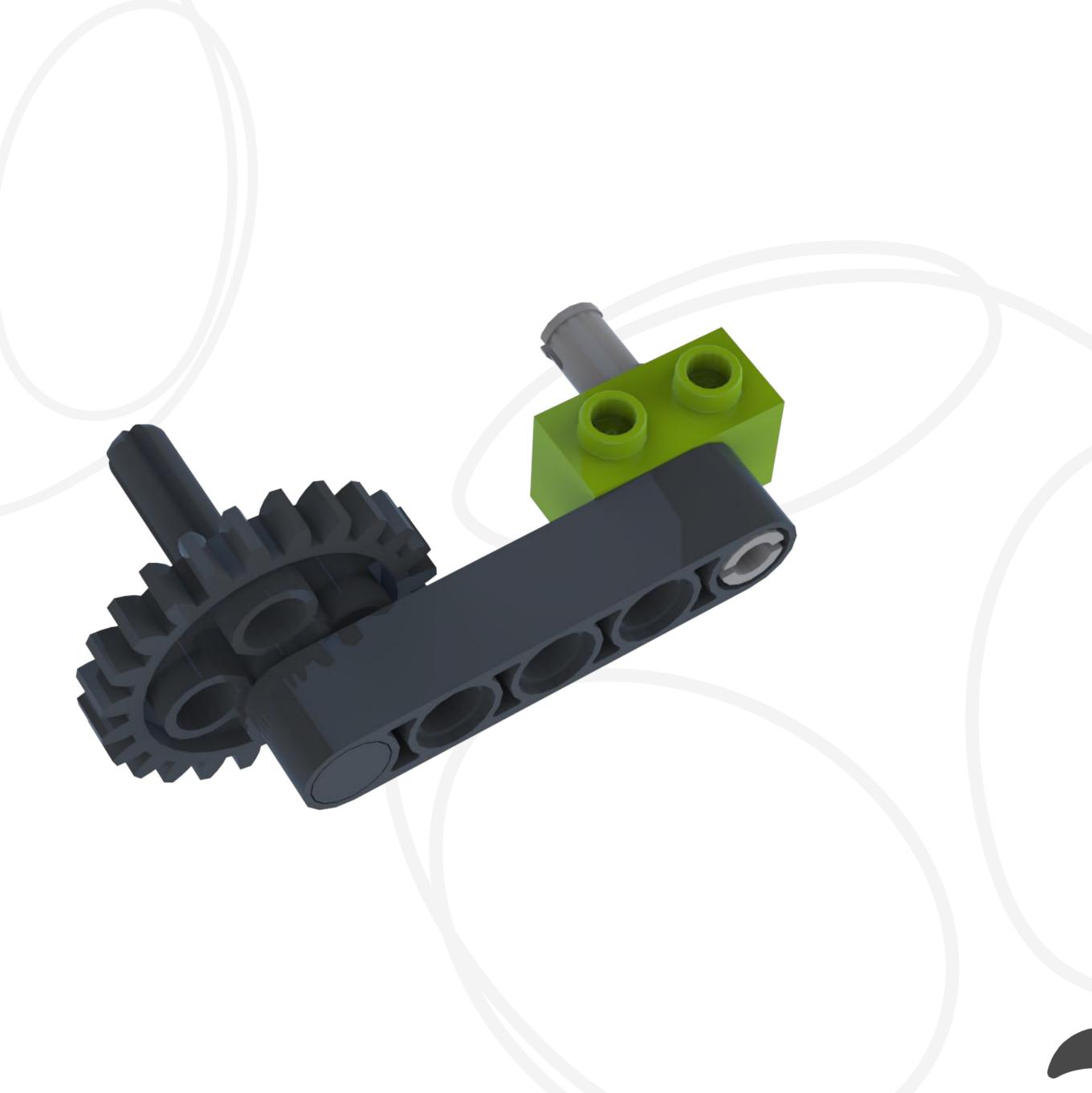




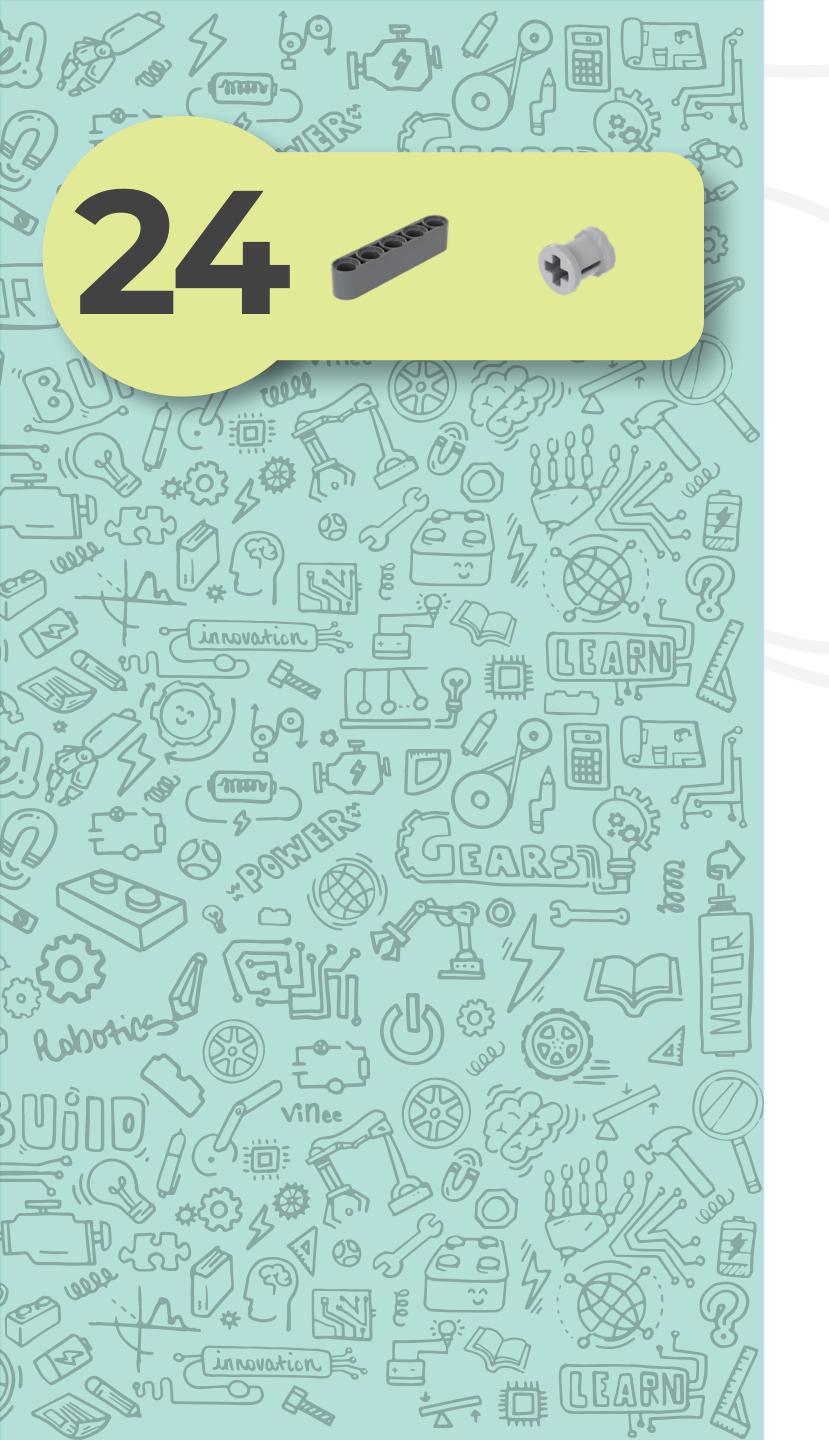


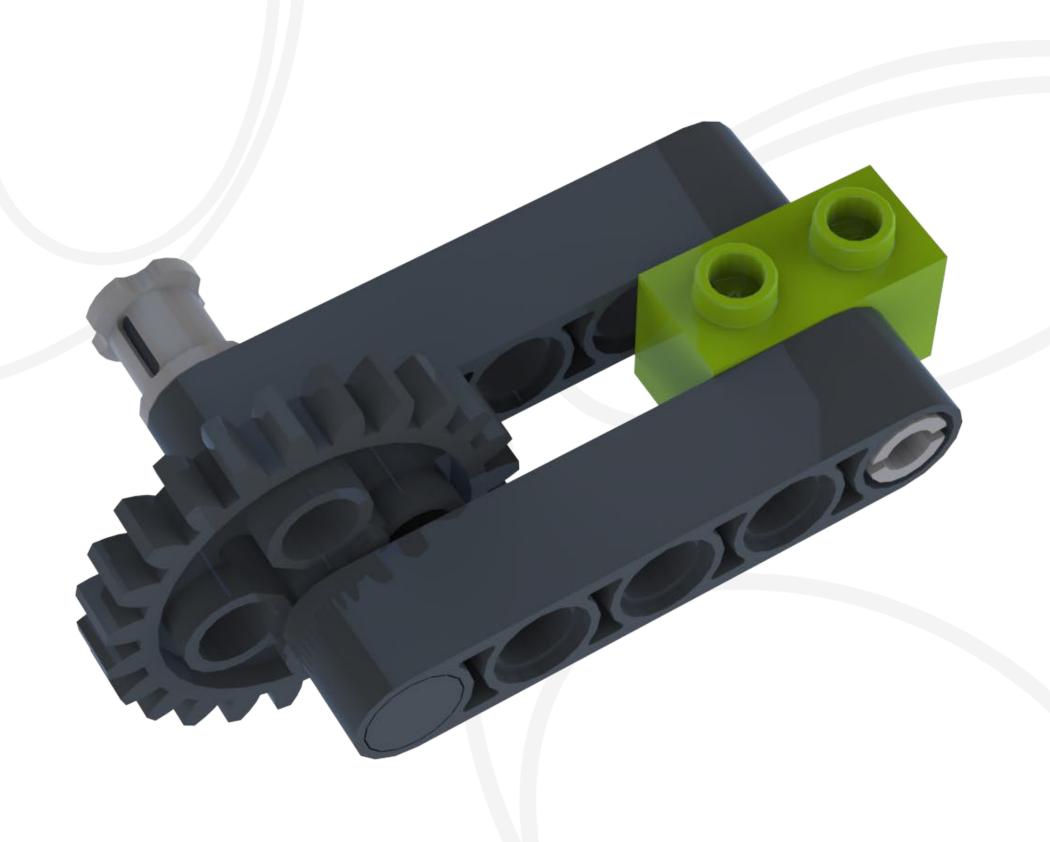




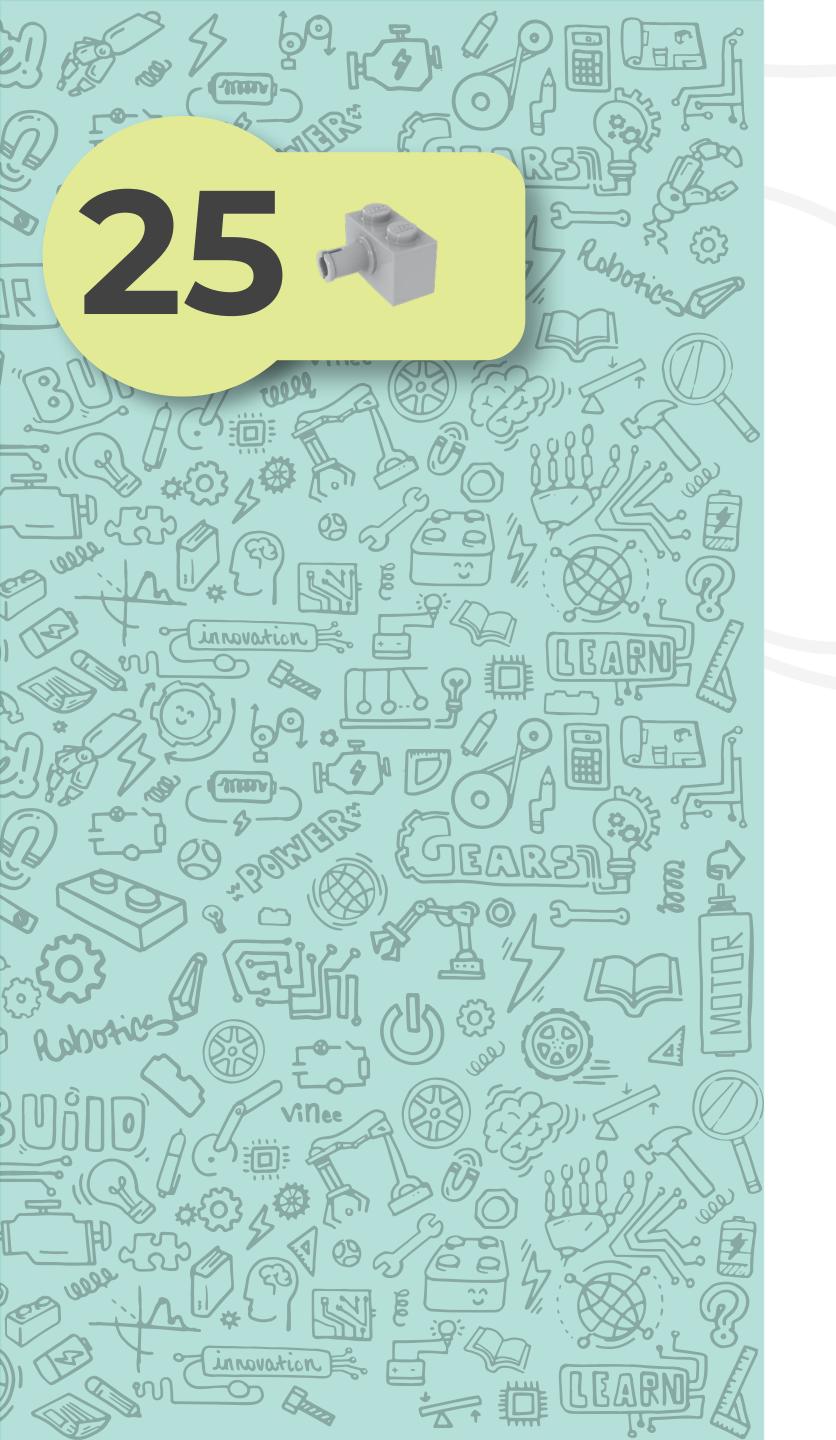






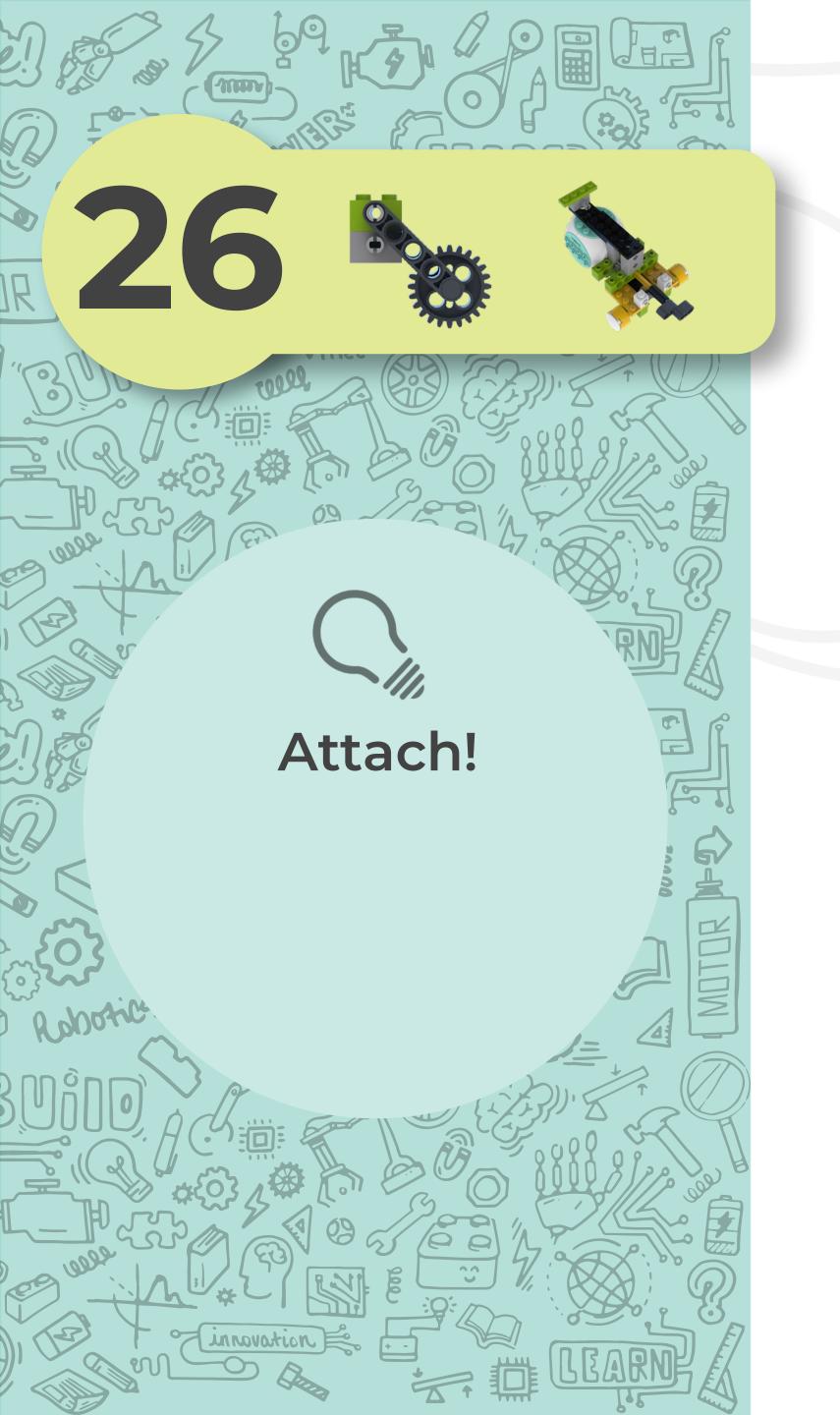


















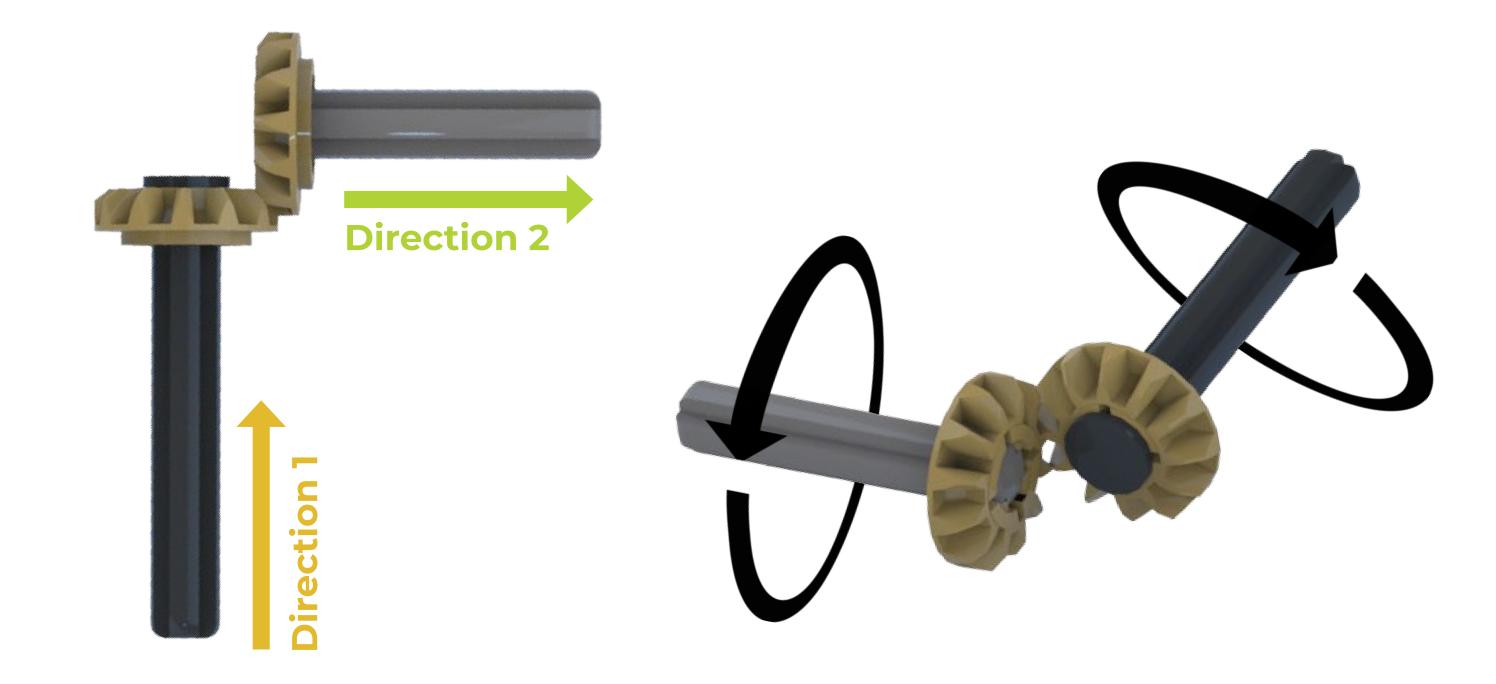


Bevel Gears

Bevel Gears are used to shift power from one direction to another.

They are called Bevel Gears because their teeth are shaped with a bevel (cut at an angle).

Instead of meshing side by side, two or more bevel gears can mesh at 90° angles to change the direction of motion.

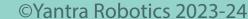


ask

- 1. Identify the Bevel Gears on your build.
- 2. How does it look different from the other gears?
- 3. Can you identify another gear concept used in this build? Hint: it uses different sized gears!
- 4. Is there a way you can adjust the gears so that the Chopper drives slower?







You've been working hard!



