

Innovation Spinner Challenge Cards



[Click here to go to online spinner:](https://wheelofnames.com/gtq-mpn)
<https://wheelofnames.com/gtq-mpn>

How to Use the Spinner:

Visit the link, spin the wheel, and see what challenge appears.
Plan your idea, draw it, then build or create.

(See Innovation Recording Sheet on Page 5)

Innovation Spinner Challenge Cards

Create a Creature

Read-aloud directions:

Let's make a brand-new creature!

Choose parts from three different animals.

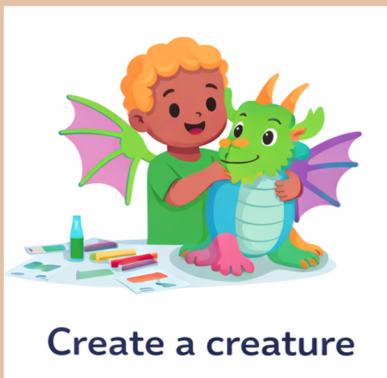
Build it or draw it.

Give your creature a name.

If you want to go further:

- Where does your creature live?
- What does it eat?
- Is it friendly or fierce?

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Build a Town

Read-aloud directions:

Let's build a town!

Decide what buildings your town needs.

Use blocks or materials to build them.

Add roads, paths, or places for people.

If you want to go further:

- Who lives in your town?
- How do people get around?
- What makes your town special?

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Innovation Spinner Challenge Cards

Invent a Vehicle



Read-aloud directions:

Let's invent a new vehicle!

Think about what it needs to do.

Build or draw your vehicle.

Test how it moves or works.

If you want to go further:

- Where would your vehicle travel?
- What powers it?
- How could you make it better?

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Design a Zoo

Read-aloud directions:

Let's design a zoo!

Choose animals for your zoo.

Create spaces where each animal can live.

Make sure visitors can see them safely.

If you want to go further:

- What does each animal need to stay healthy?
- How do people move through the zoo?
- What would you add or change?

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Innovation Spinner Challenge Cards

Make a Robot

Read-aloud directions:

Let's make a robot!

Decide what your robot is supposed to do.

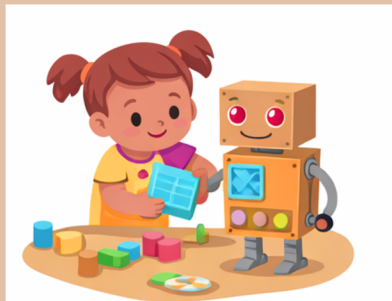
Build or draw your robot.

Show how it helps people or solves a problem.

If you want to go further:

- What tools or parts does it need?
- How does it move or think?
- What happens if it breaks?

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Make a robot

Create a Machine

Read-aloud directions:

Let's create a machine!

Think about a job the machine should do.

Build it using the materials you have.

Try it out and see what happens.

If you want to go further:

- Which parts move?
- What causes the movement?
- How could you change it to work better?

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Create a machine

Innovation Recording Sheet

Challenge Chosen:



Create a creature

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Build a town

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Design a zoo

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Invent a vehicle

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Make a robot

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Create a machine

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My Idea

My Reflection:

1. What did I make?
2. What worked?
3. What would I change or try next time?