

SUMMER CAMP ACTIVITY BOOK



MILLION DOLLAR
STEM
LEADERSHIP
ACADEMY

SUMMER CAMP



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Published independently by Million Dollar STEM & Leadership Academy LLC 05/04/2025

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This book can be downloaded or printed on acid-free paper.

This coloring book is available as a downloadable PDF.

Print-friendly and perfect for home or classroom use.

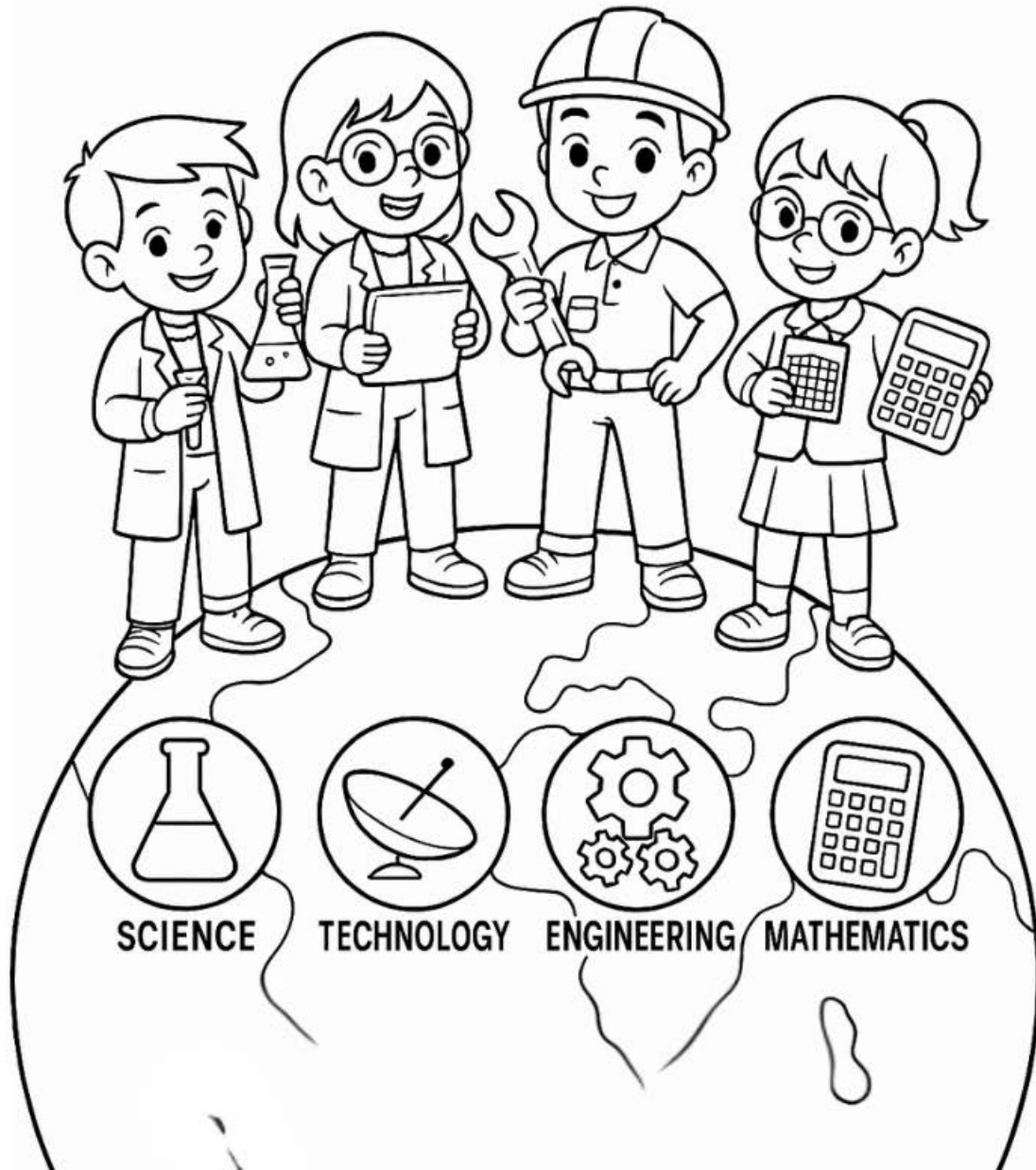
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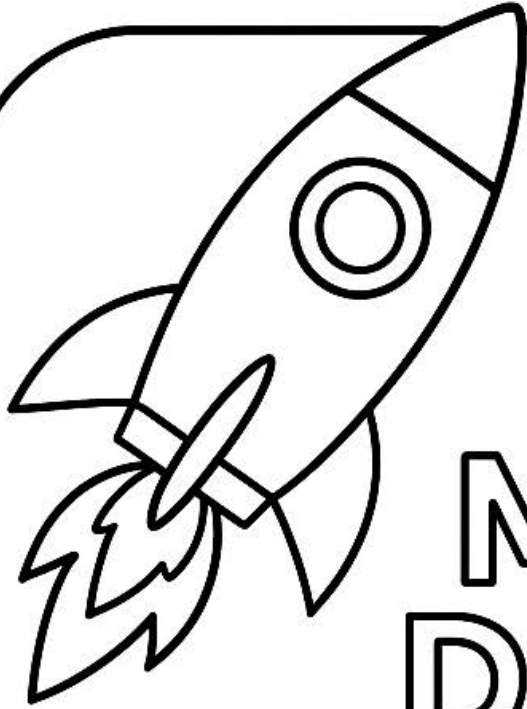
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S.T.E.M.

ACTIVITY BOOK





MILLION
DOLLAR
STEM
LEADERSHIP
ACADEMY

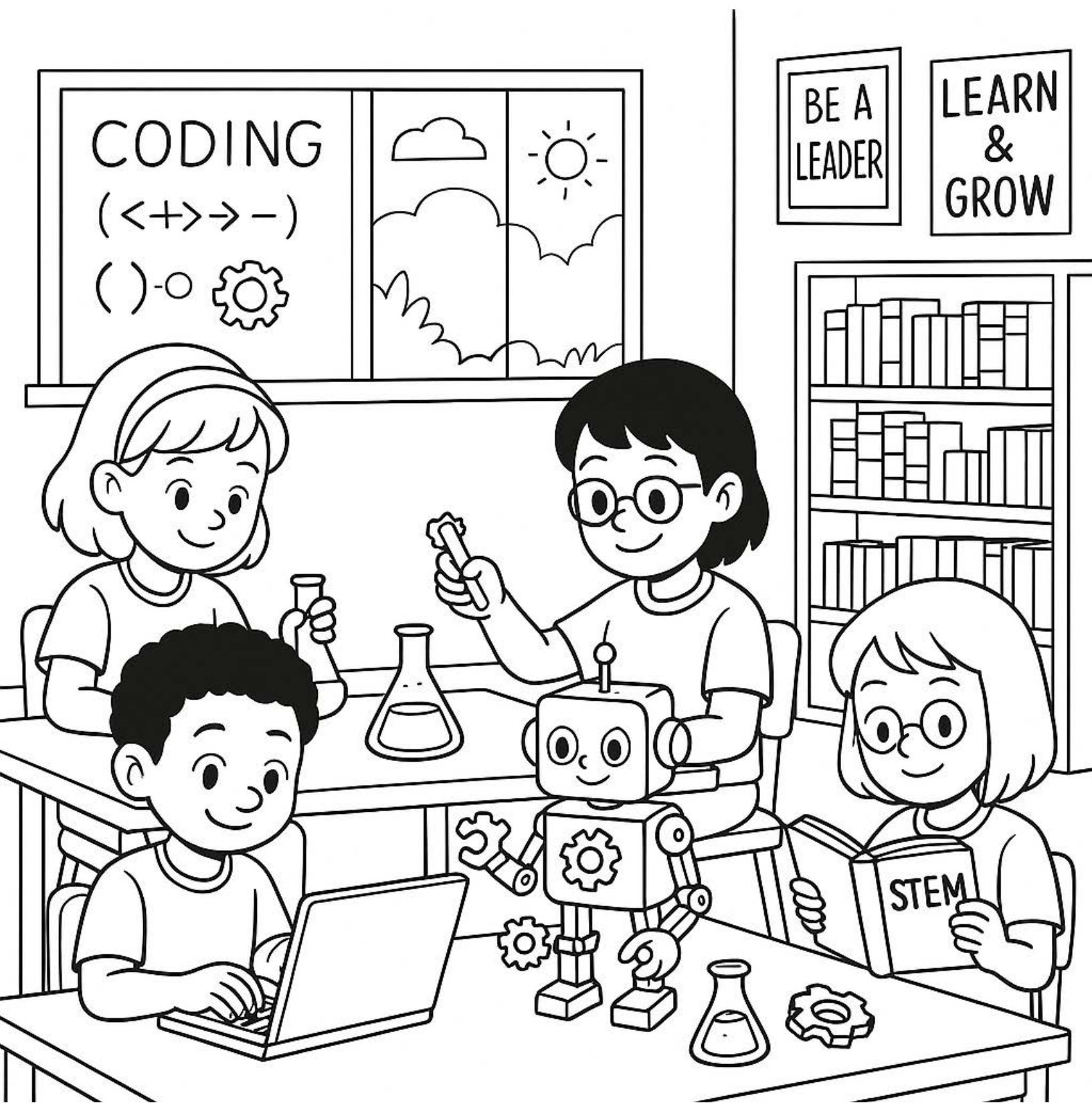
MY INVENTION

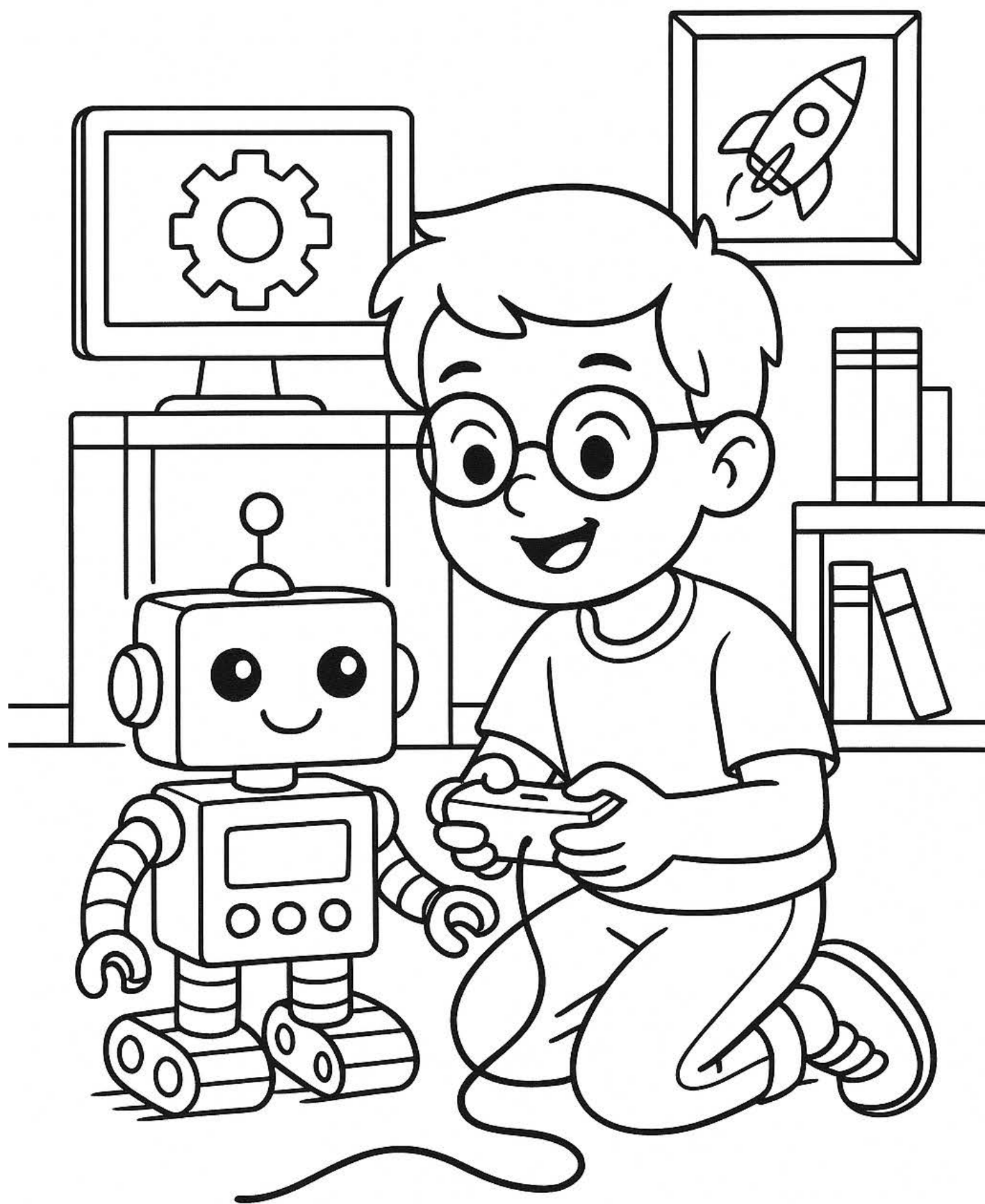


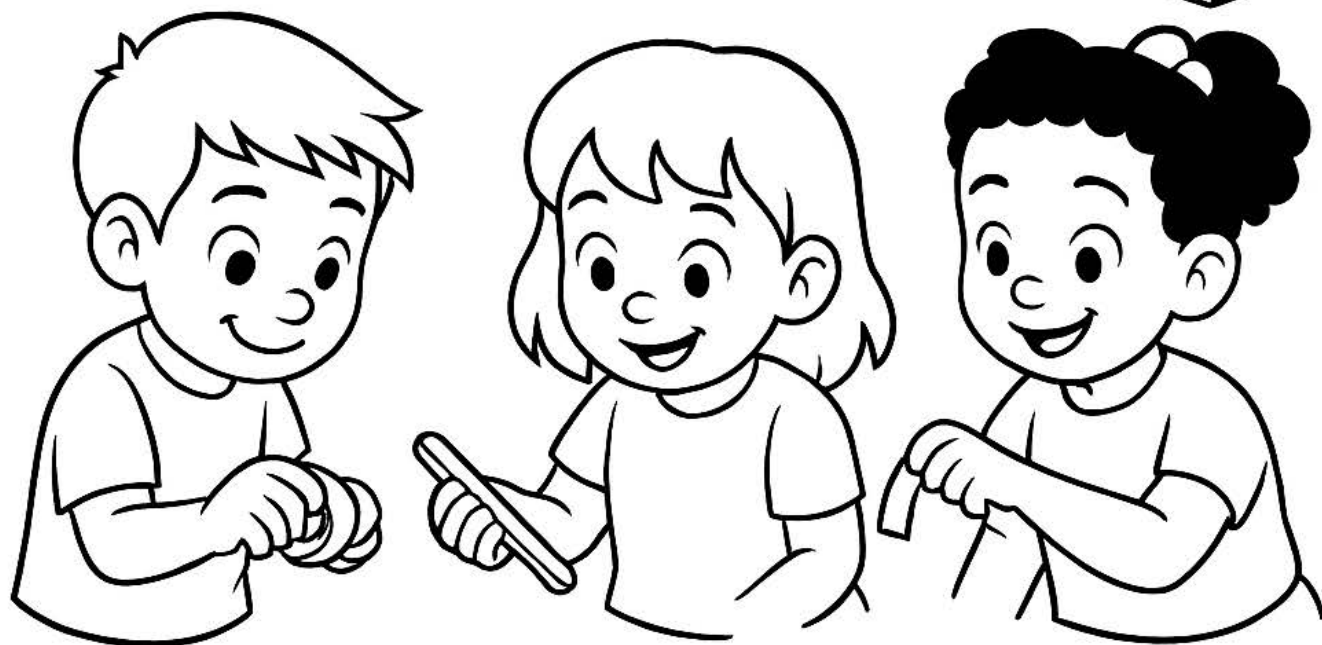
NAME OF INVENTION: _____

WHAT IT DOES:

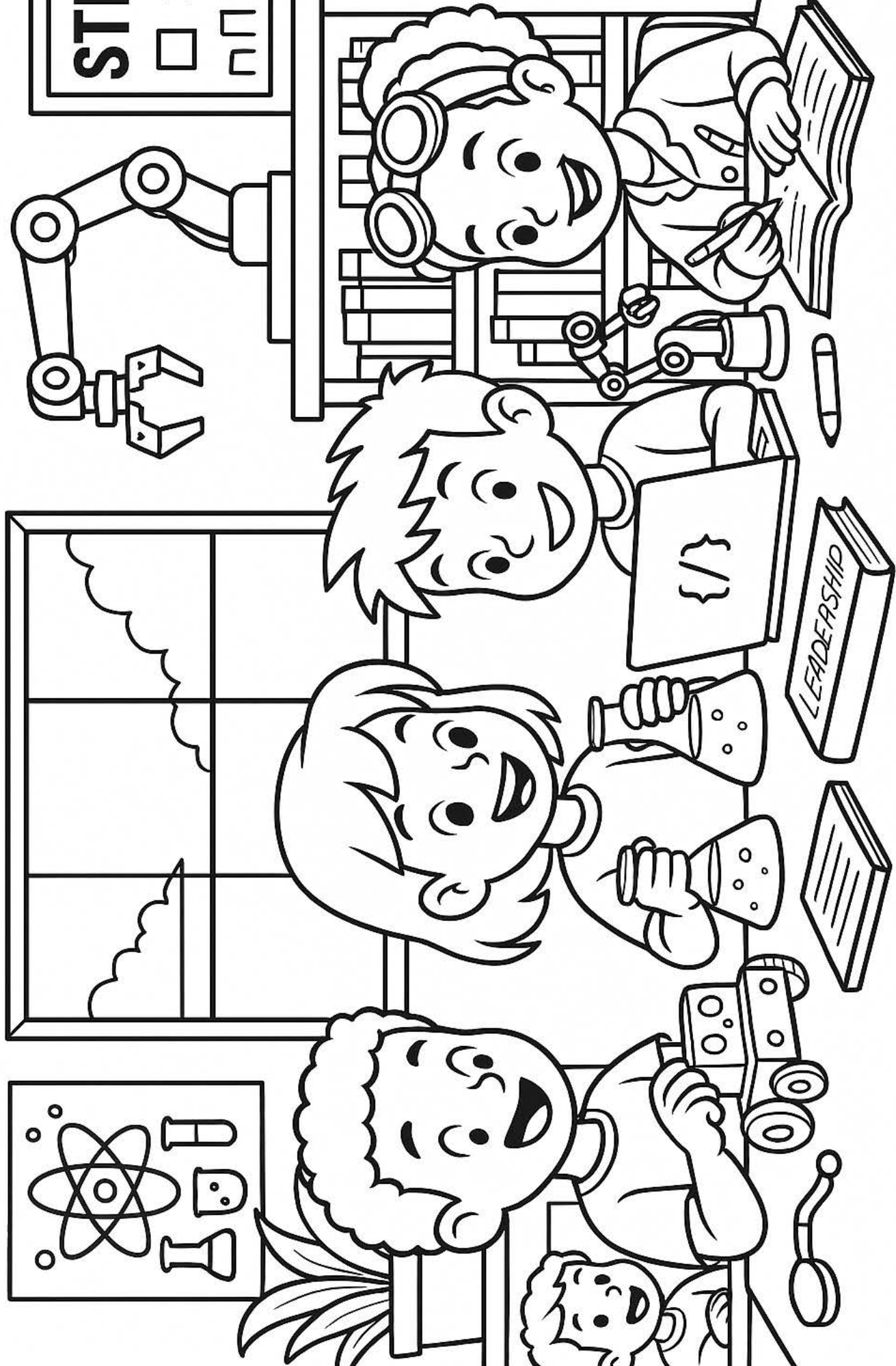
HOW IT WORKS:

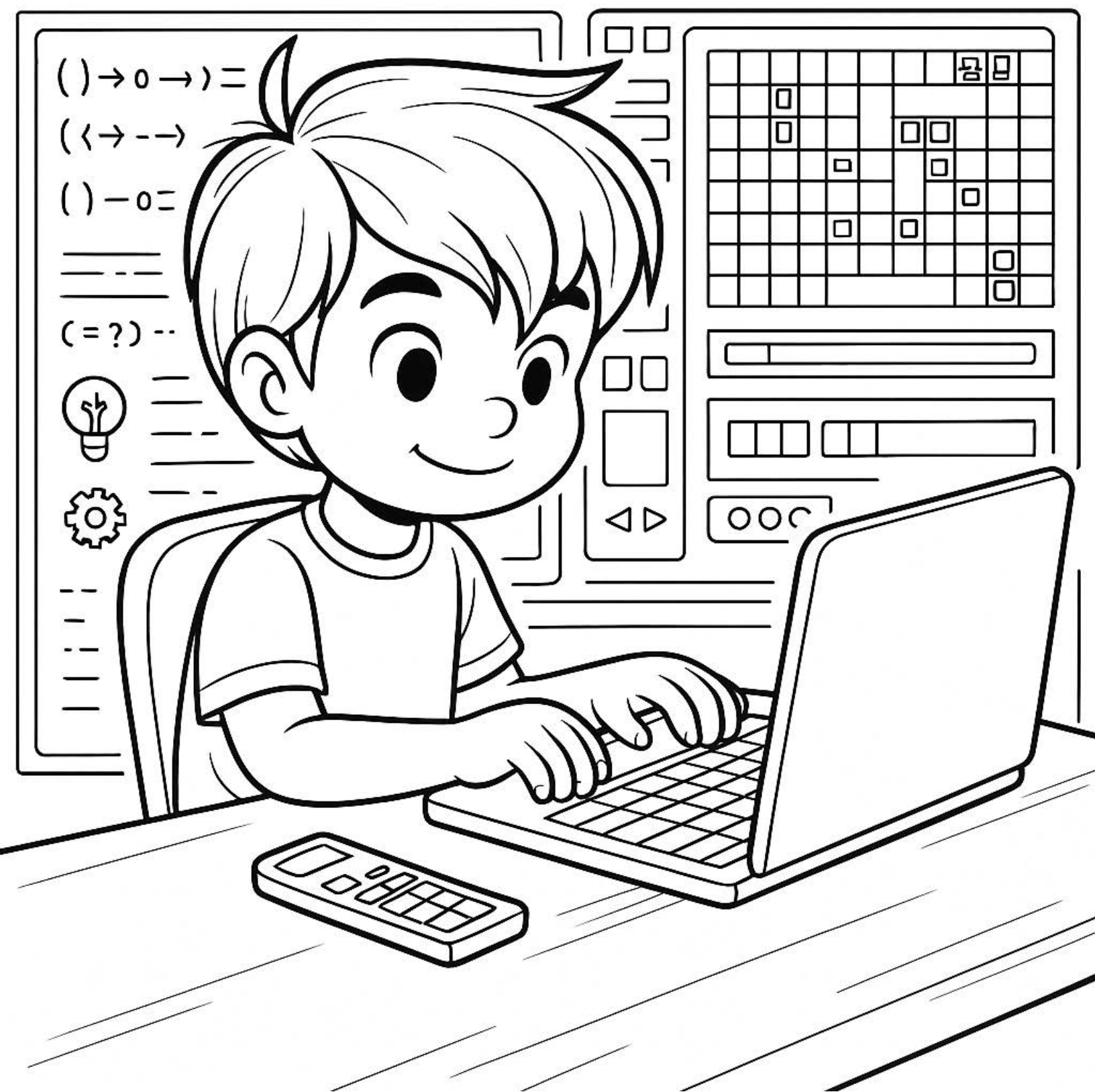










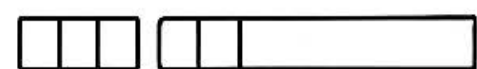
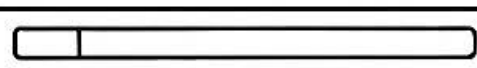
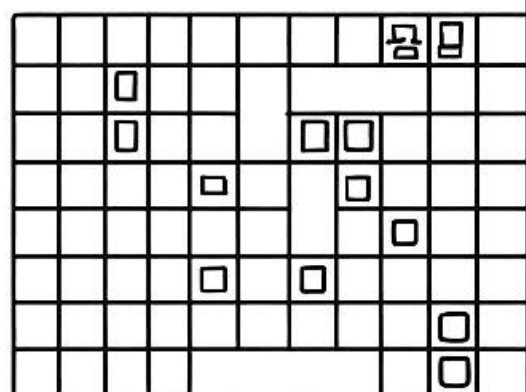


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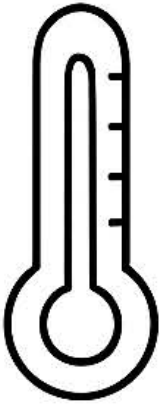
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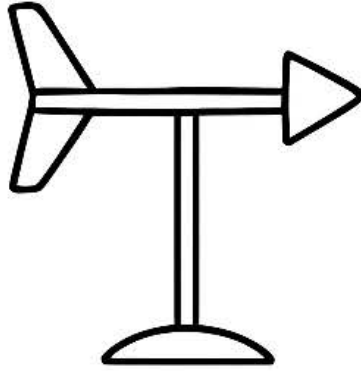




WEATHER TOOLS



THERMOMETER



WIND VANE



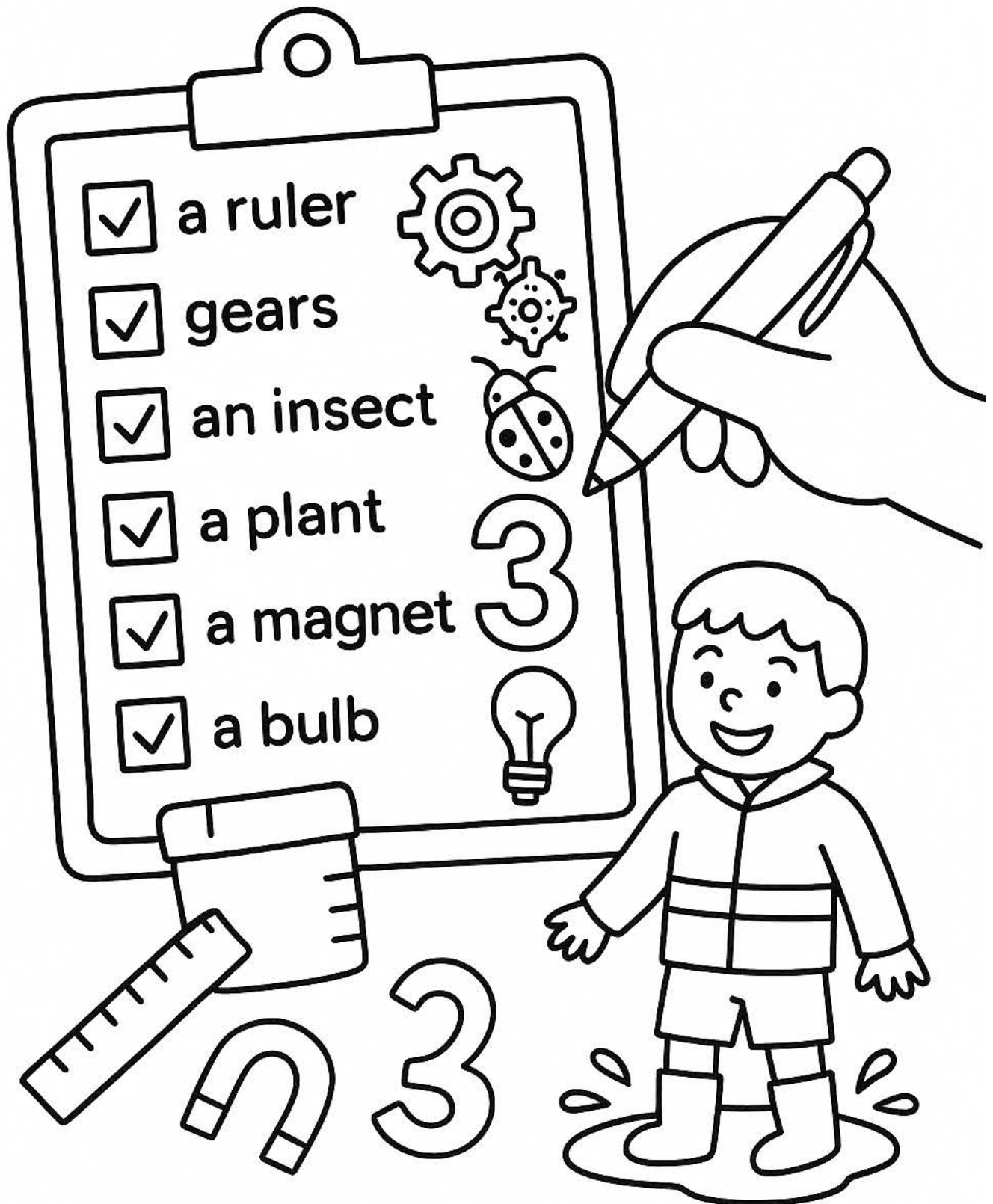
Storms can
bring rain, hail,
or snow

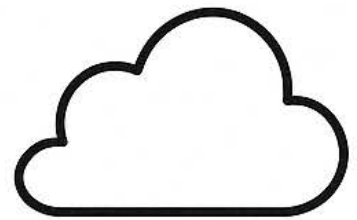
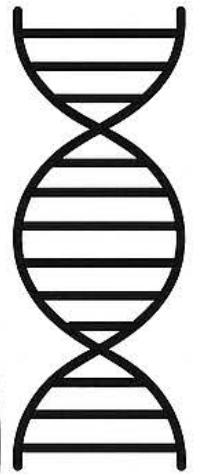
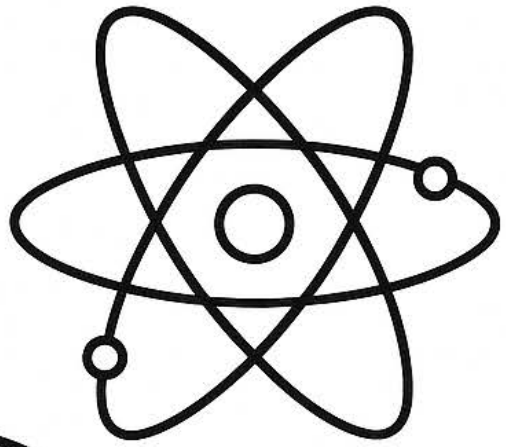
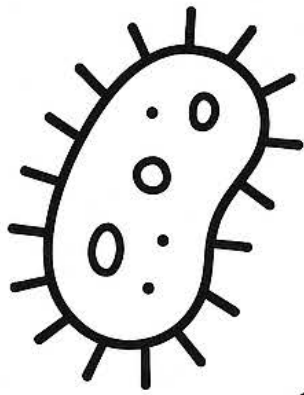
You can play
in the rain





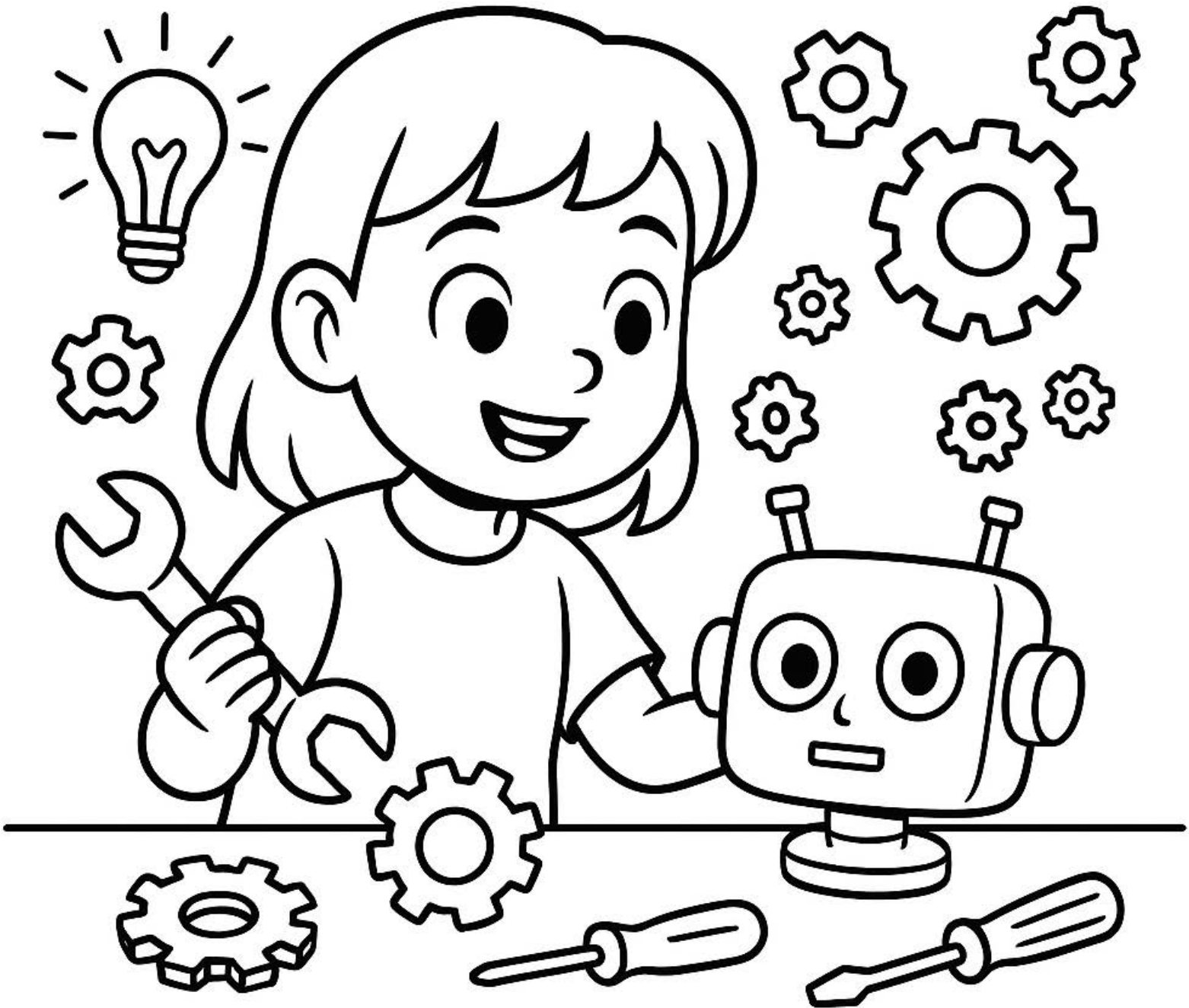
STEM SCAVENGER HUNT

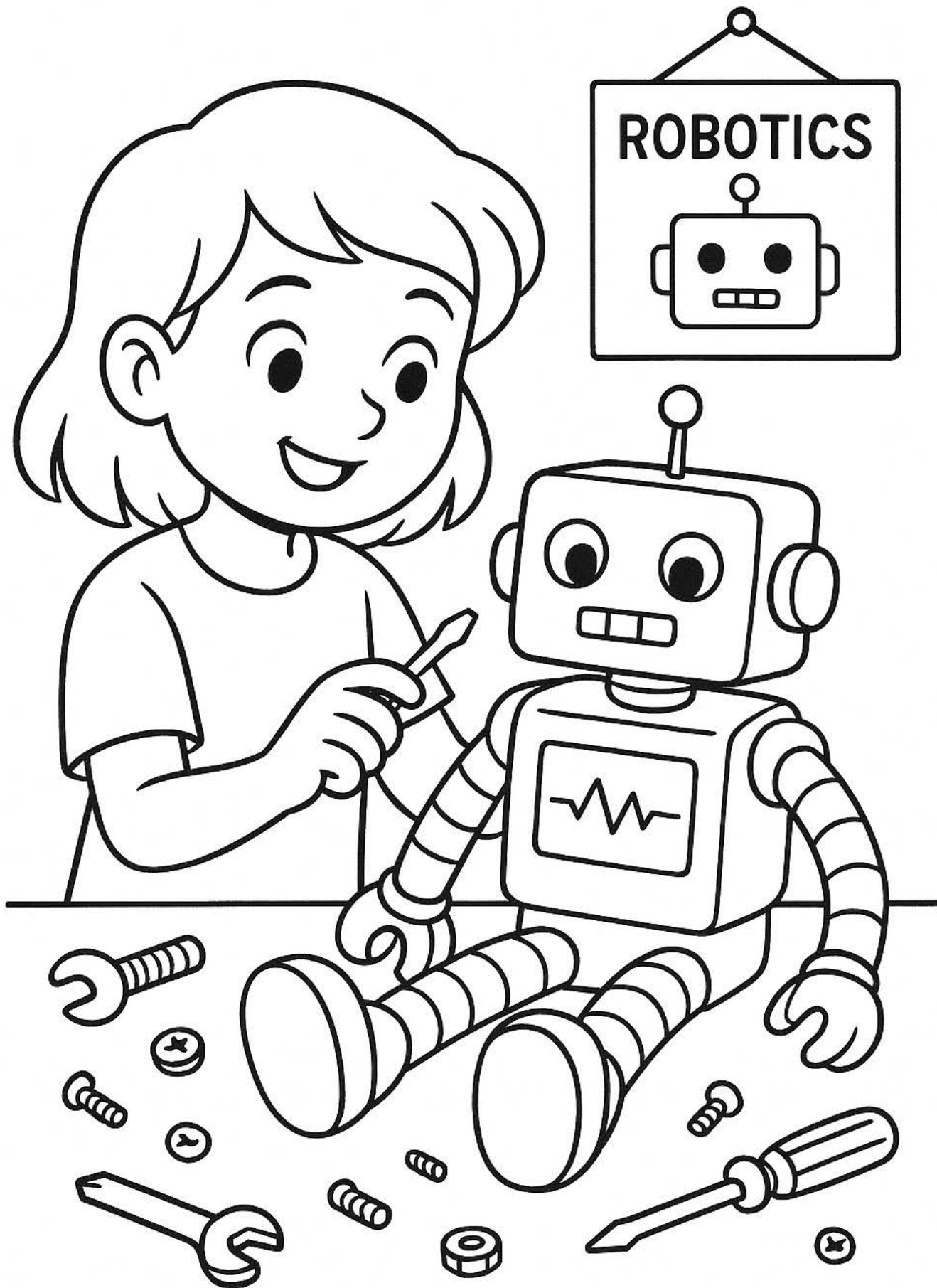


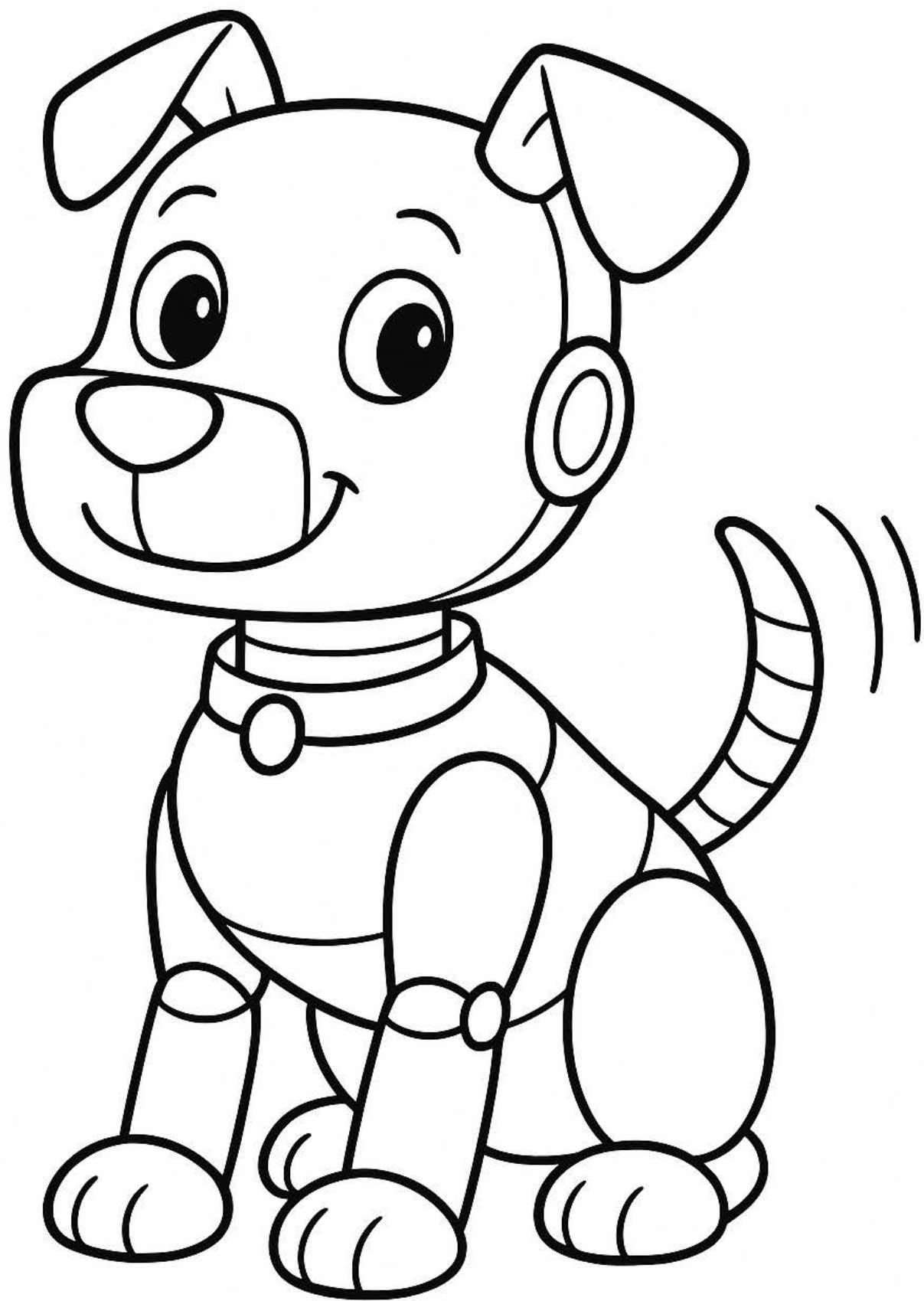


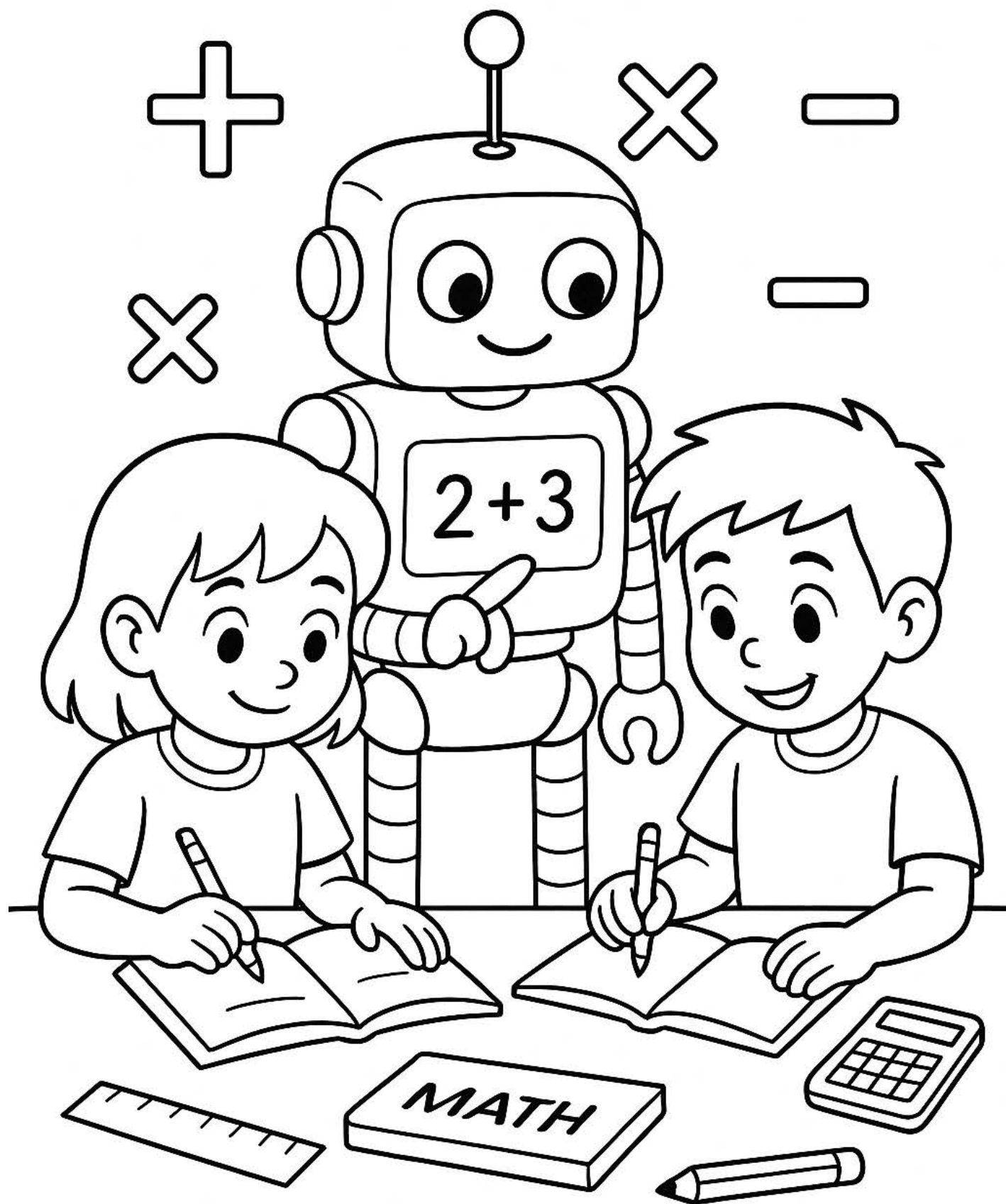


ENGINEERING

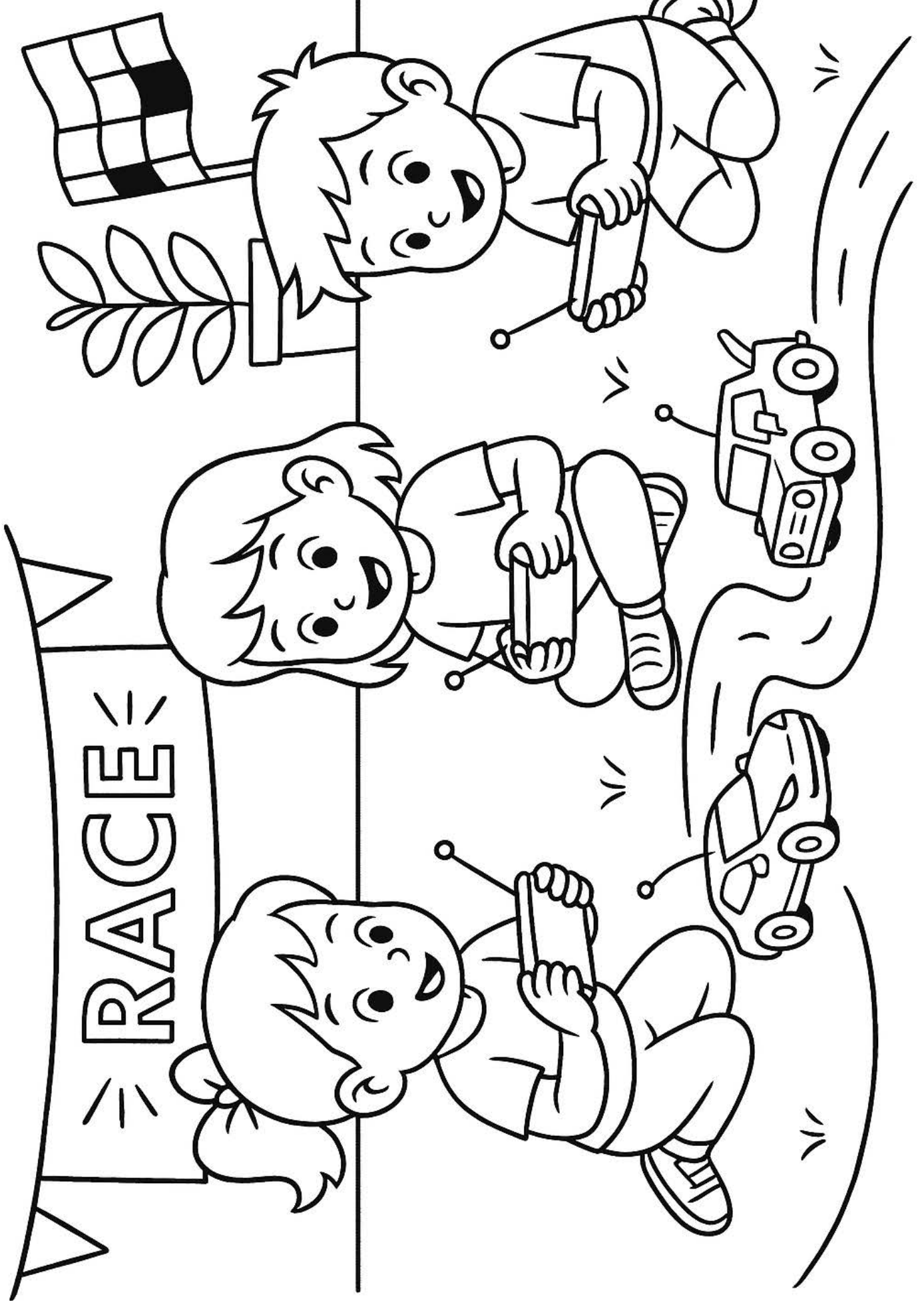












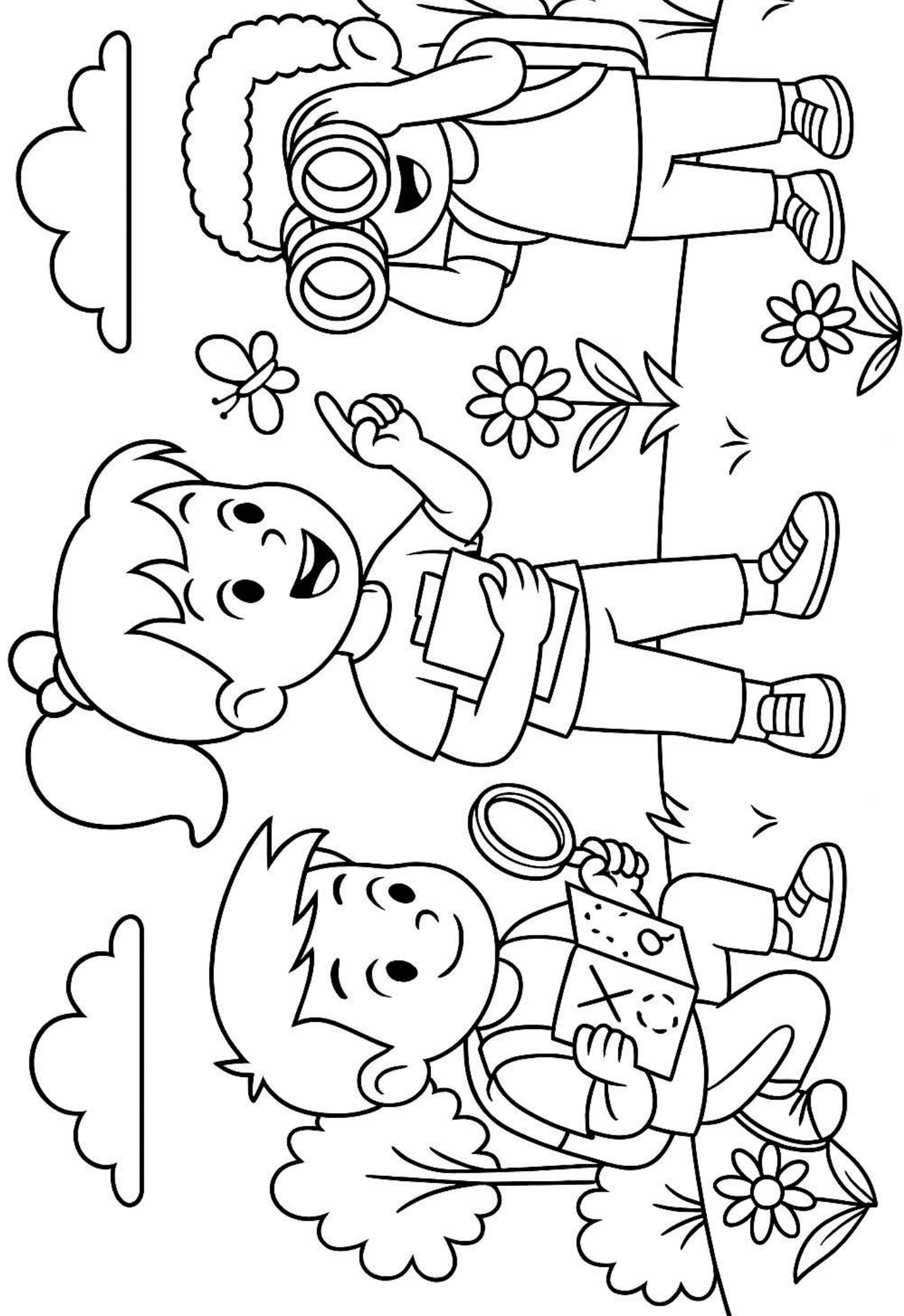
SCIENCE FAIR

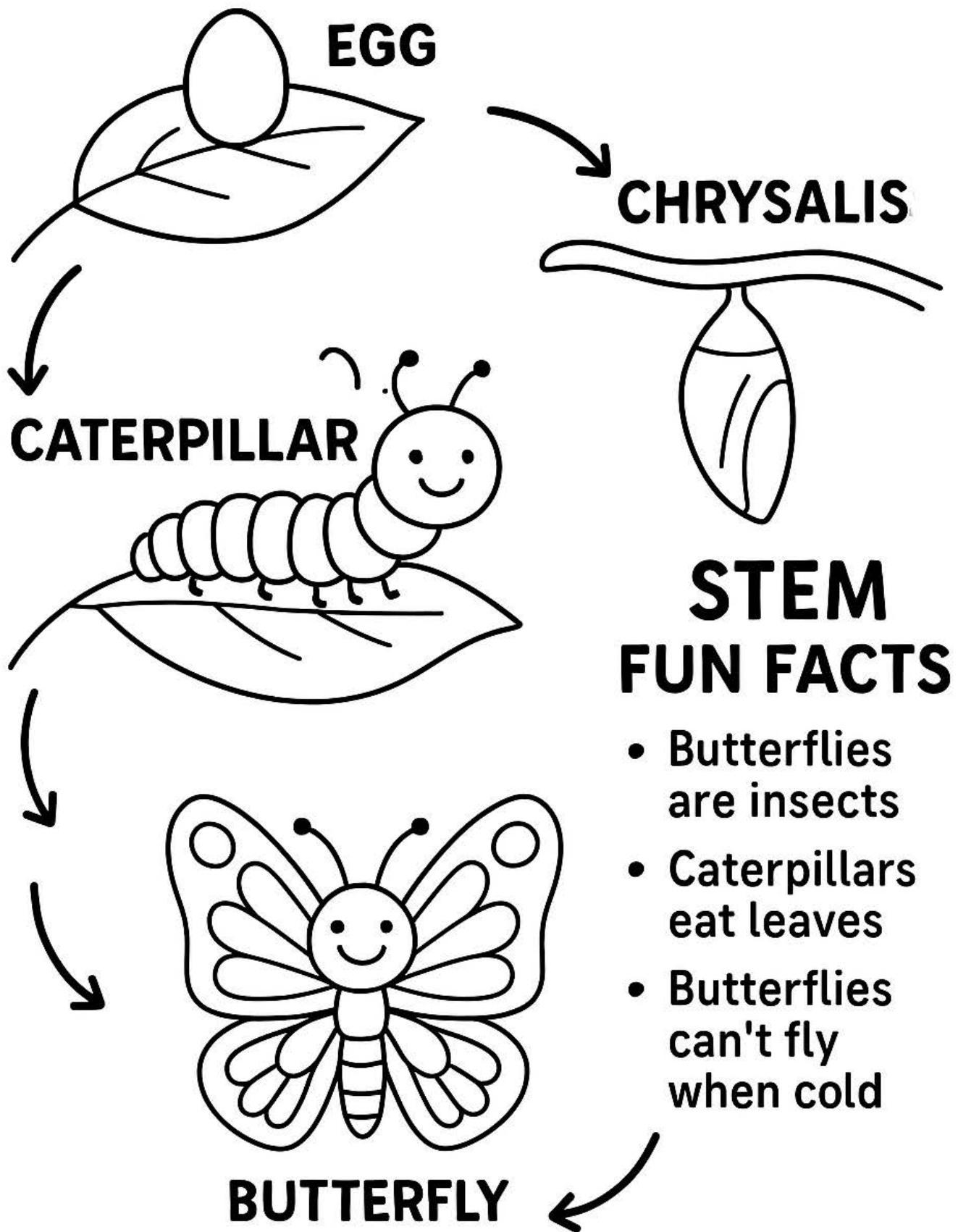










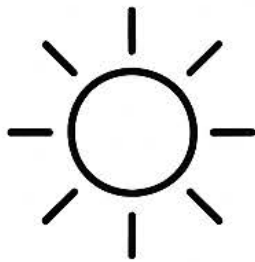


STEM FUN FACTS

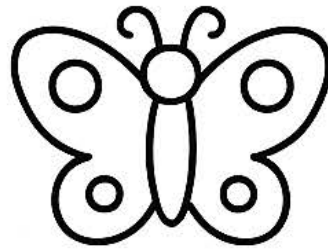
- Butterflies are insects
- Caterpillars eat leaves
- Butterflies can't fly when cold

STEM

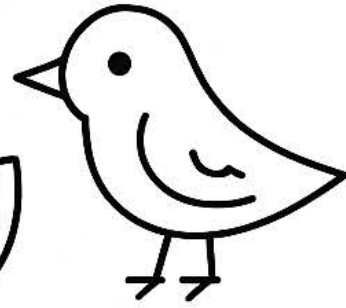
Find these items outside:



sun



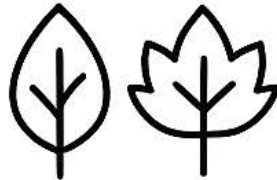
butterfly



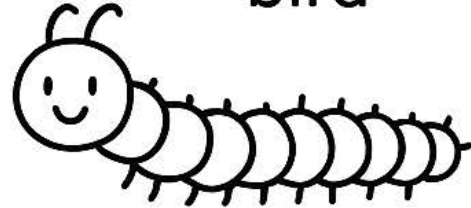
bird



flower



two types
of leaves



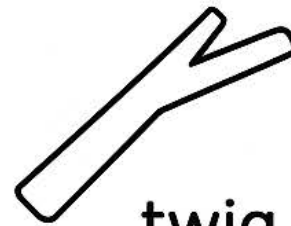
caterpillar



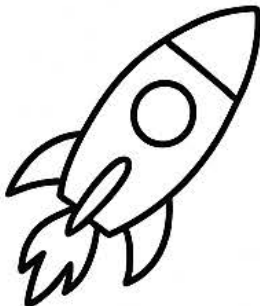
cloud



tree



twig

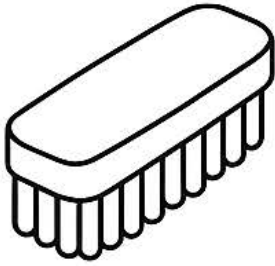


MILLION DOLLAR

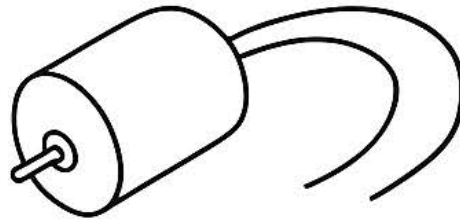
STEM

LEADERSHIP ACADEMY

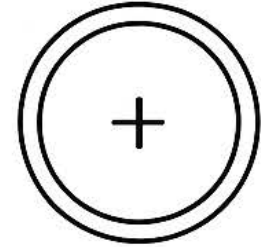
MAKE A BRISTLEBOT



toothbrush
head

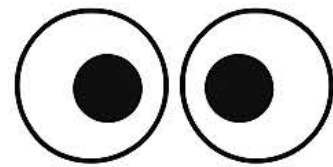


motor



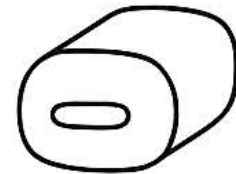
coin battery

1. Attach the motor
to the toothbrush head.

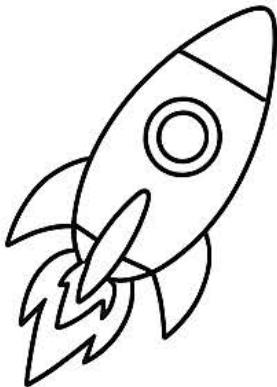


googly eyes

2. Put the battery on top
to one side.



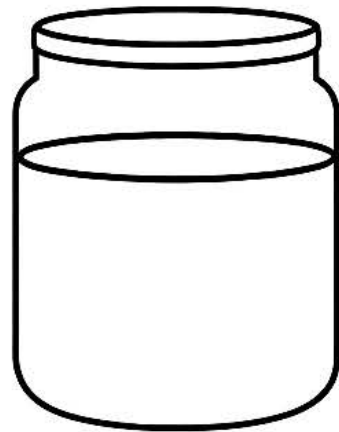
3. Stick on the googly eyes.



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DO A SCIENCE EXPERIMENT!

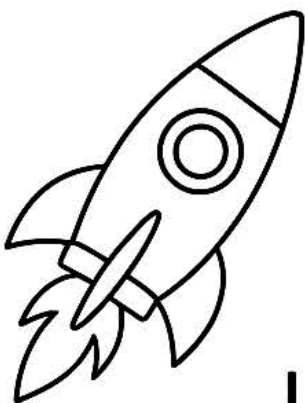
1. FILL THE JAR WITH WATER



2. ADD DROPS OF FOOD COLORING



3. WATCH THE COLORS SWIRL!



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HOMEMADE LAVA LAMP



food coloring



oil

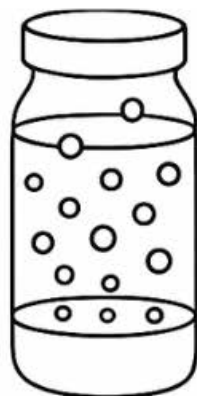


water



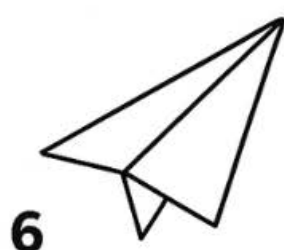
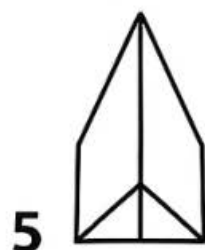
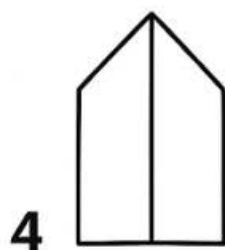
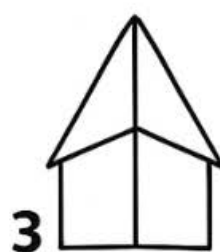
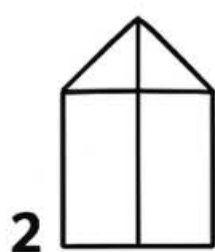
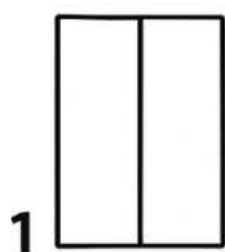
Alka-seltzer tablet

1. Fill a bottle with oil and water.
2. Add drops of food coloring.
3. Break an Alka-Seltzer tablet into pieces and add one.



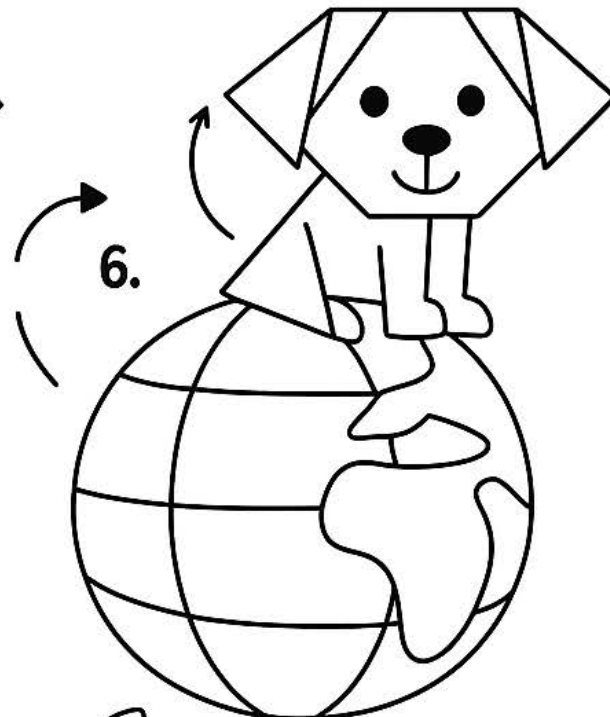
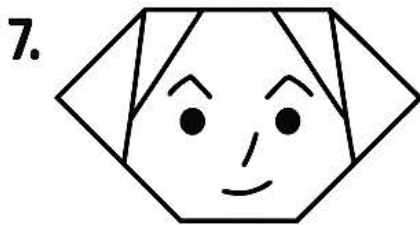
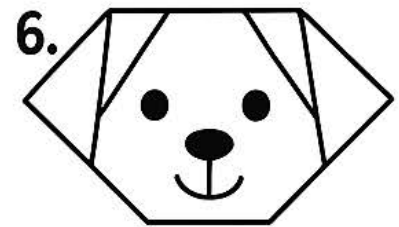
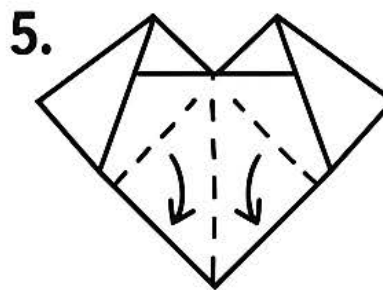
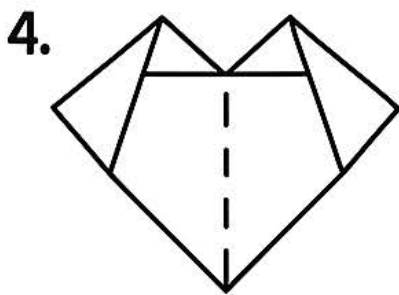
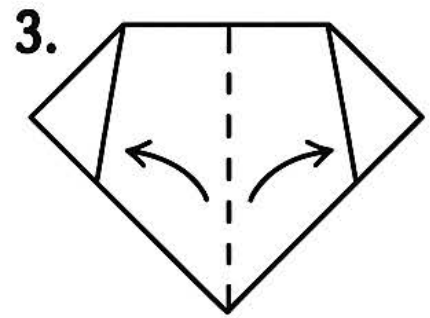
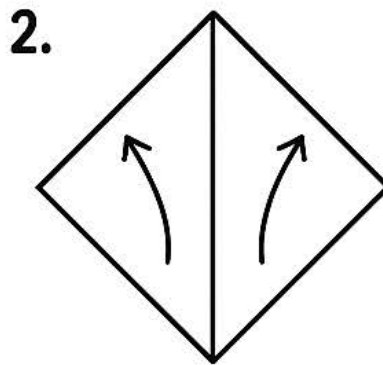
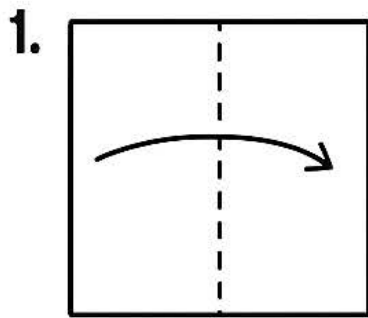
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MAKE A PAPER PLANE



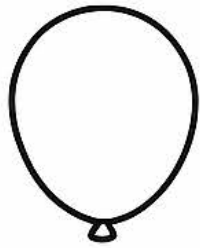
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FOLD AN ORIGAMI PUPPY



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STEM
LEADERSHIP ACADEMY

BUILD A BALLOON ROCKET



balloon



straw

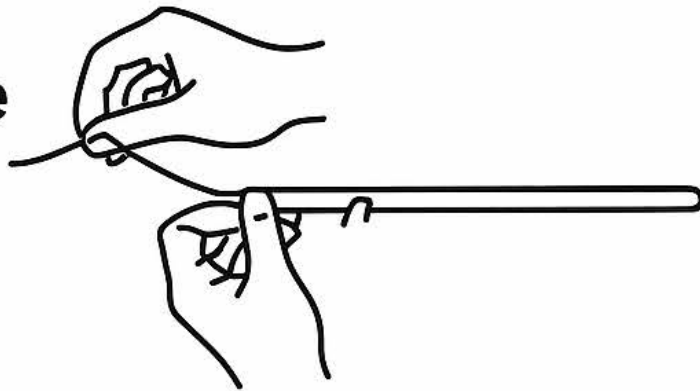


string



tape

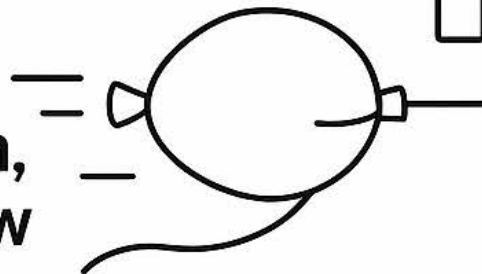
1. Thread the string through a straw



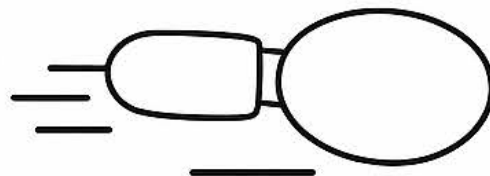
2. Tie the string between two objects



3. Inflate the balloon, tape it to the straw

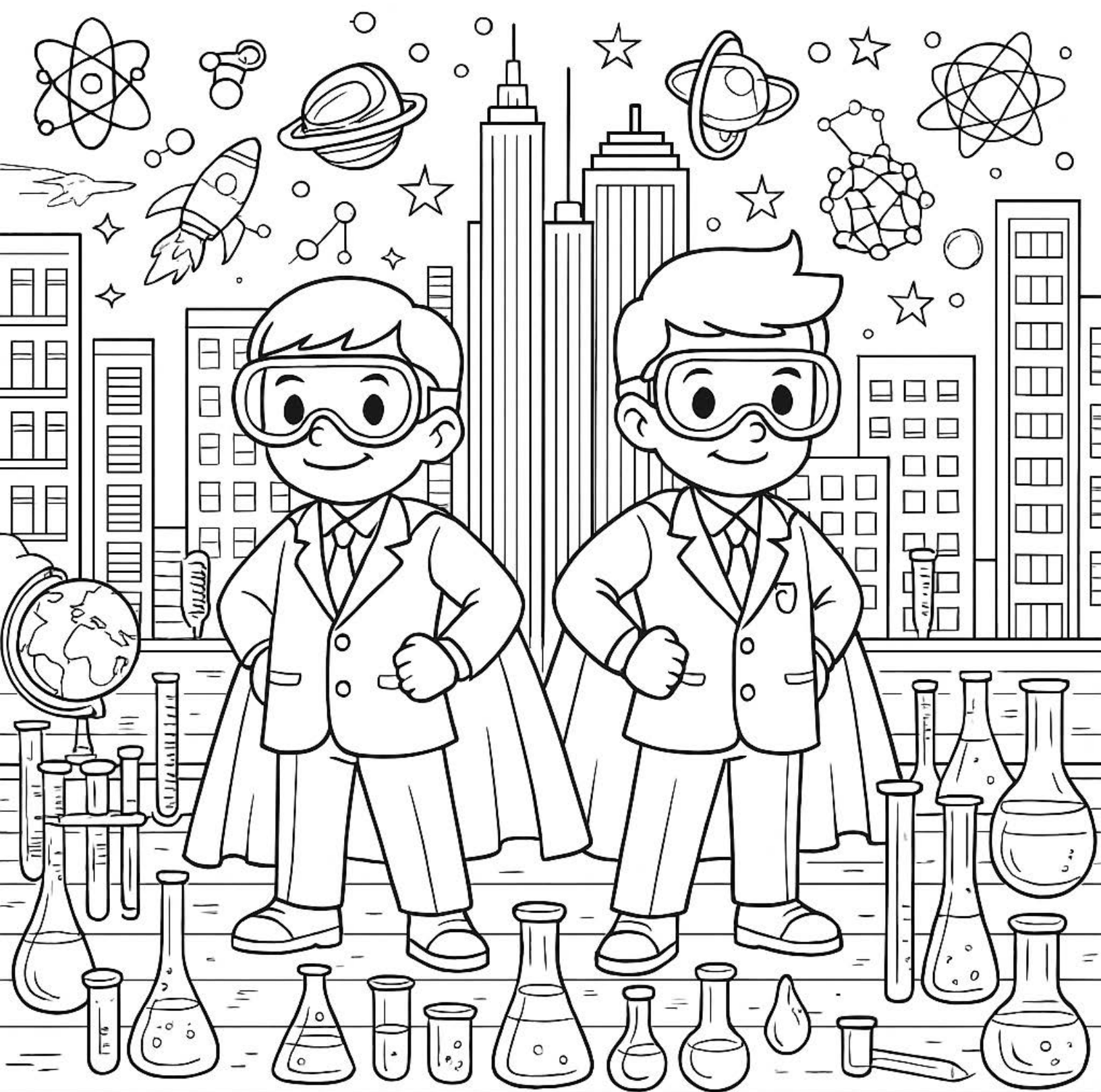


4. Let go, and watch it shoot across the string

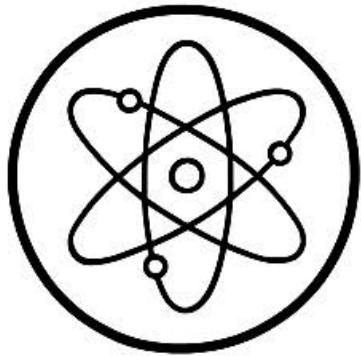


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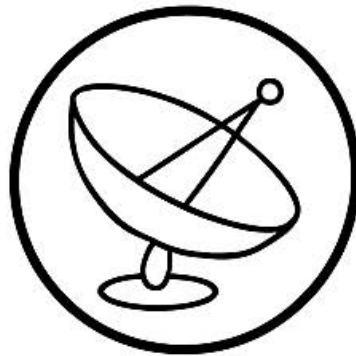




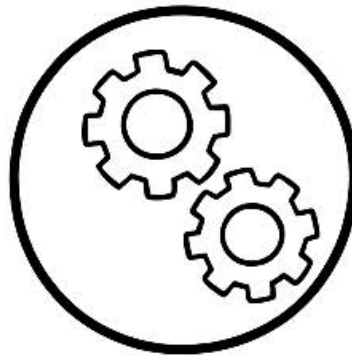
STEM



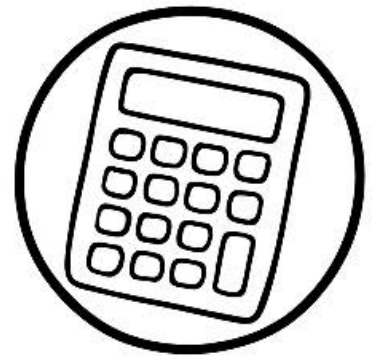
SCIENCE



TECHNOLOGY

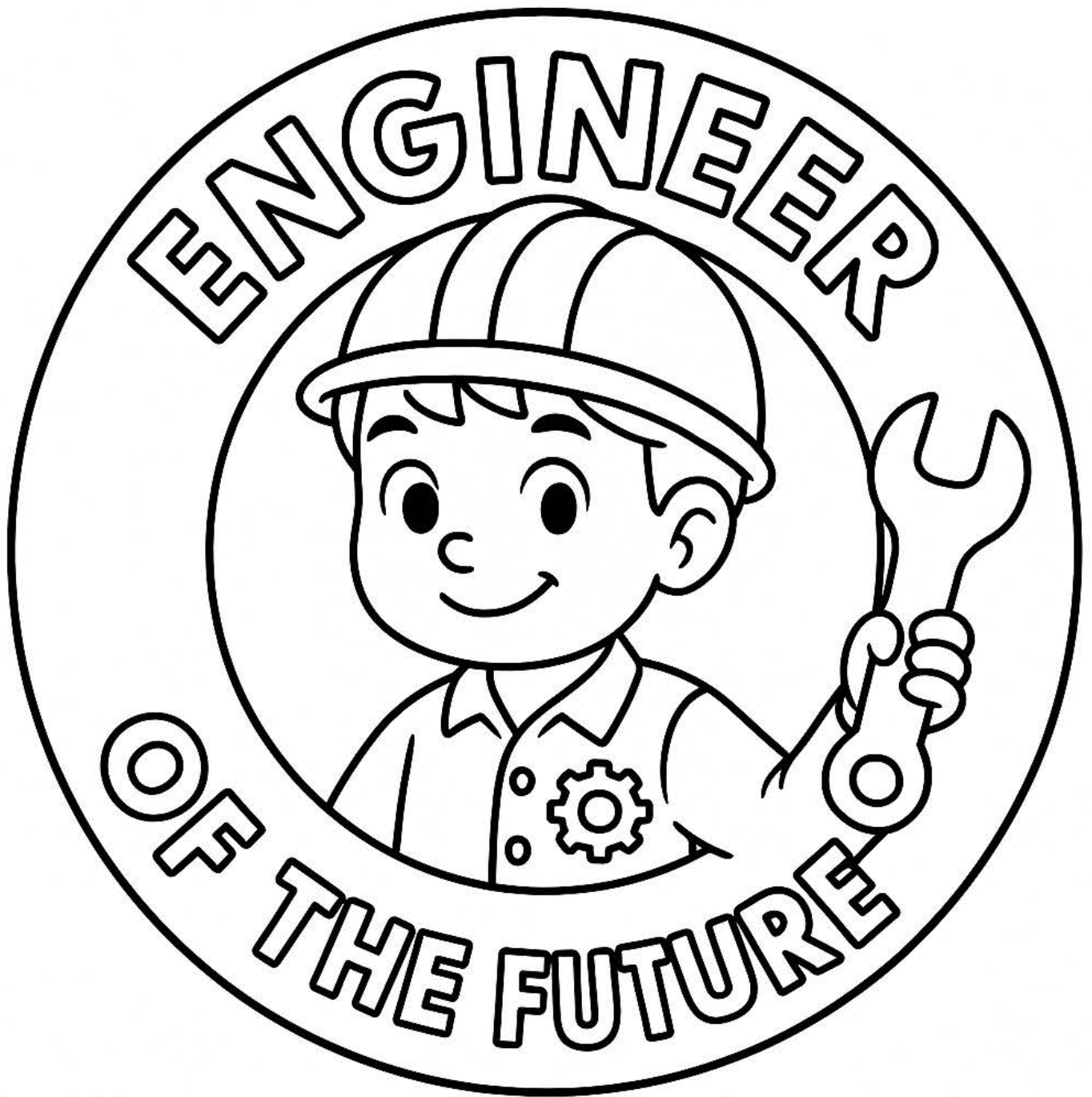


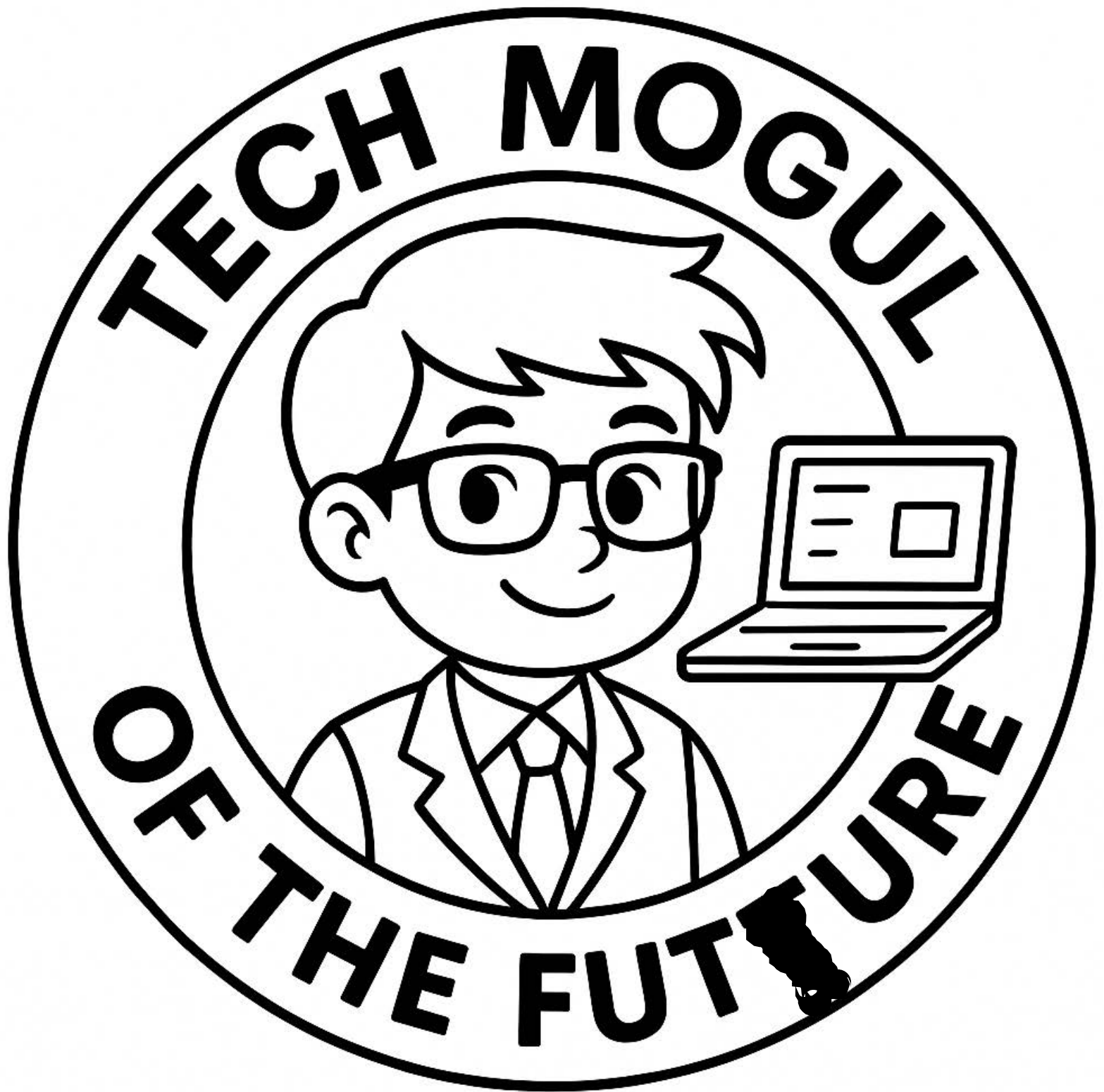
ENGINEERING

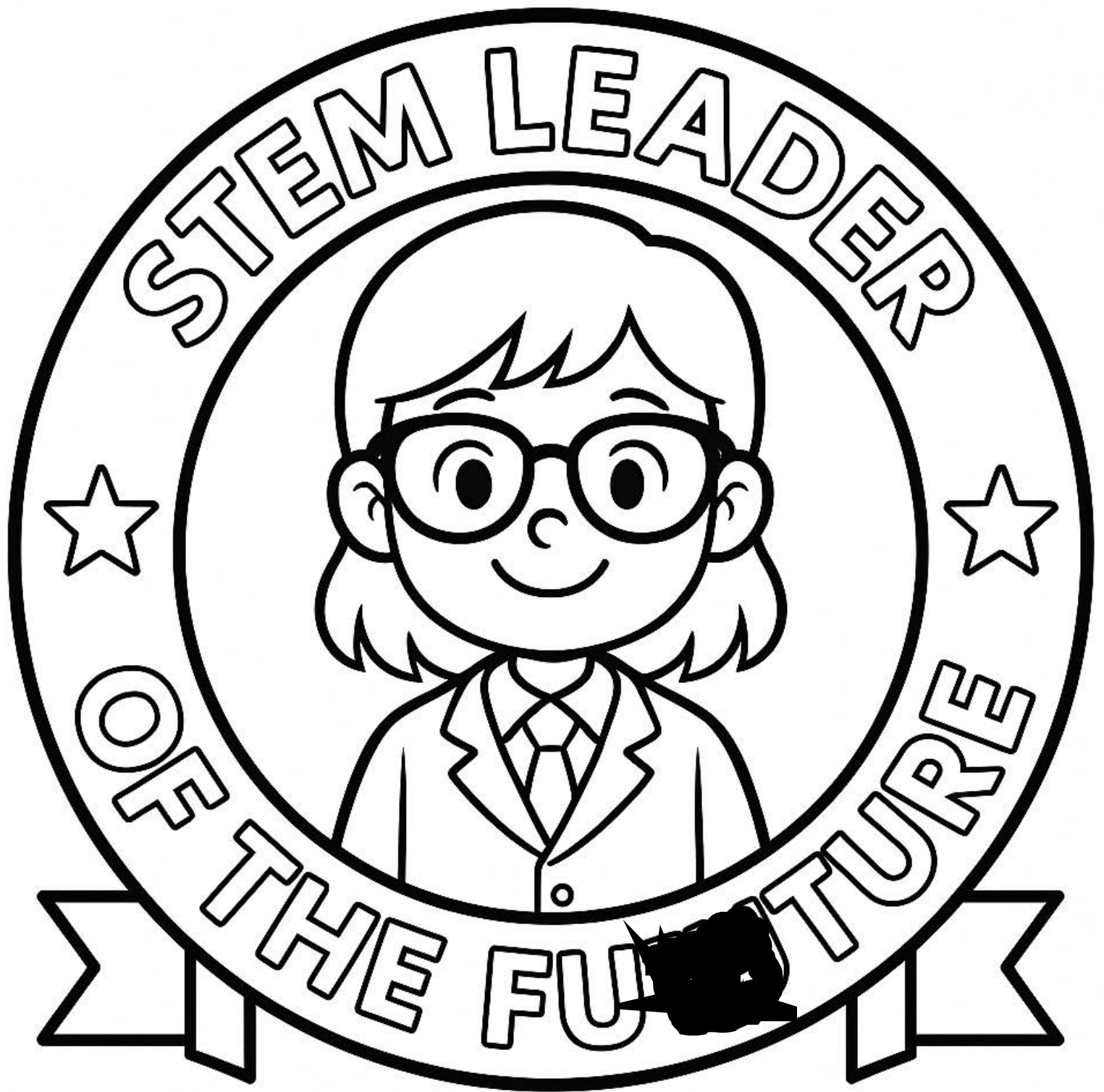


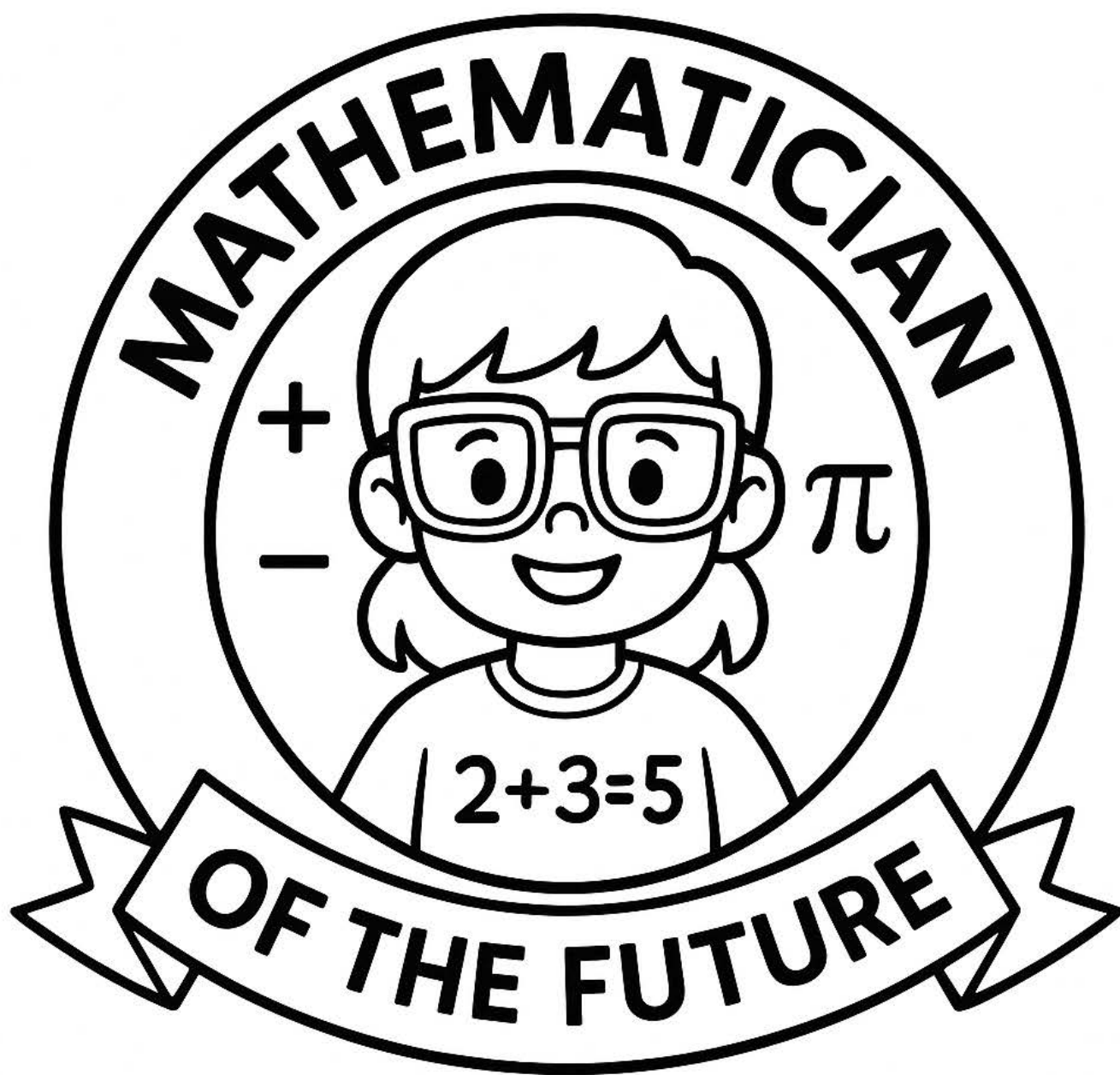
MATHEMATICS

ENGINEER — OF THE — FUTURE

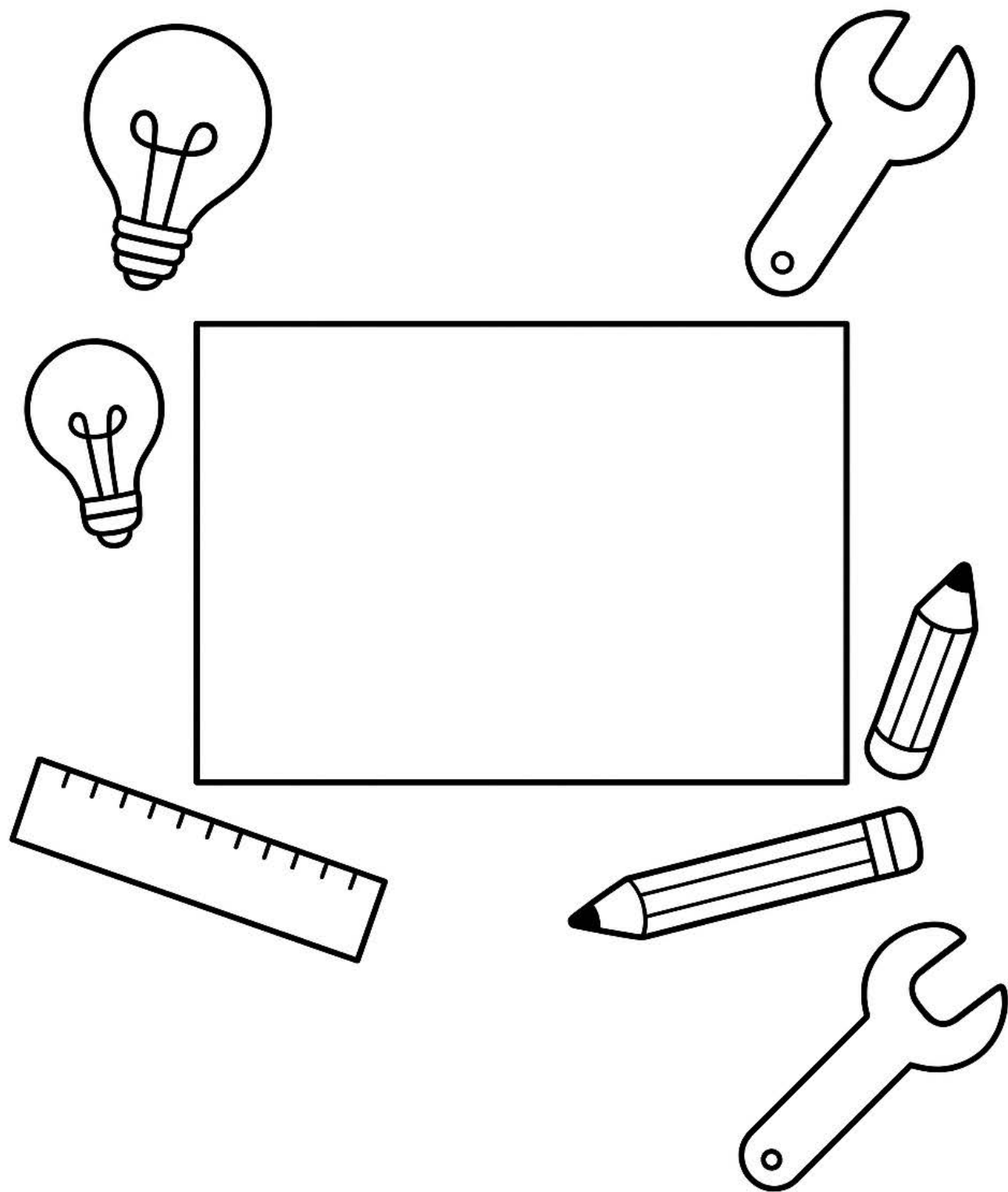




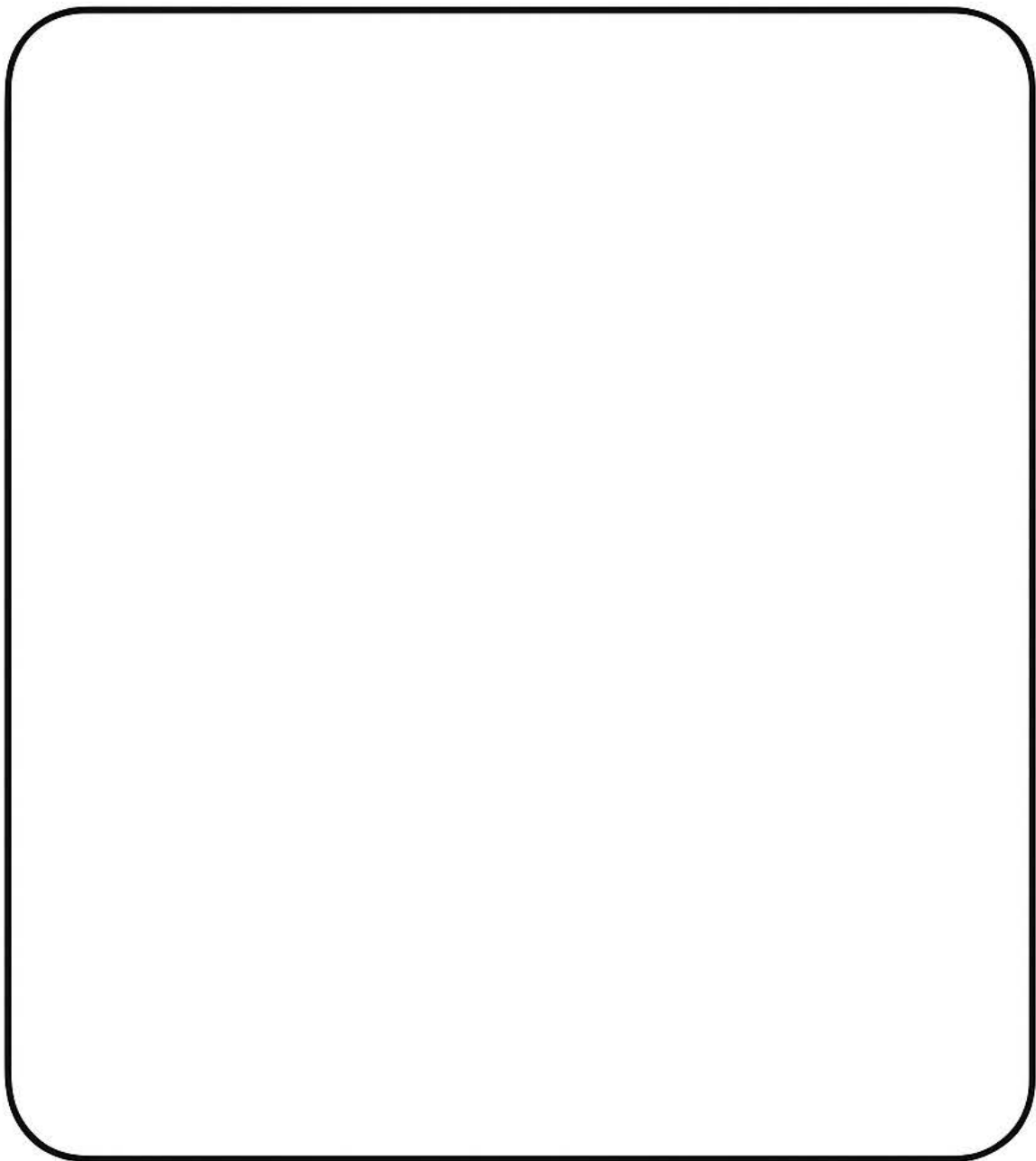




DESIGN YOUR OWN INVENTION!



WHAT I LEARNED IN STEM CAMP

A large, empty rectangular box with rounded corners, intended for writing or drawing. The box is outlined in black and occupies the lower two-thirds of the page.

THANK YOU
FOR BEING A PART OF THE
MILLION DOLLAR
STEM & LEADERSHIP
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