

BACK TO SCHOOL

STEM CHOICE BOARD

Choose an activity... Get to know your classmates.
Think like an engineer. Have fun!

1 MORSE CODE NAME BRACELETS

Create a bracelet that secretly spells your name using dots and dashes in Morse code!

- Learn Morse code
- Encode your name
- Design your bracelet
- Decode a classmate's bracelet



MORSE CODE KEY

• = dot — = dash

S •••	A •—	M —
E •	T —	O ——
N —•	I ••	H ••••

EXAMPLE

The name "SAM" becomes a pattern of beads representing Morse code symbols that only someone who knows the code can read.

Or try it! Activity and Morse Code Bracelet
STEM Activity: Create a Morse Code Bracelet
National Inventors Hall of Fame®
<https://www.invent.org/kids/stem-activities/morse-code-bracelet>

2 MYSTERY BAG ENGINEERING

Pick a mystery bag and build something amazing using only the materials inside! Be creative and make it your own.



EXAMPLE

With popsicle sticks, rubber bands and a cup, this team built a catapult!

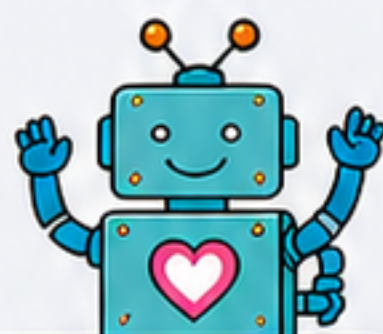


3 ALL ABOUT ME ROBOT

Design and build a robot that represents YOU! Include at least one thing that is special to you.

EXAMPLE

This robot shows off a love of soccer, pizza and music!



EXTENSION: PARTNER ROBOT CHALLENGE

Interview a classmate and build a robot that represents them!

- Ask questions
- Listen carefully
- Design & build
- Share your robot as you learned



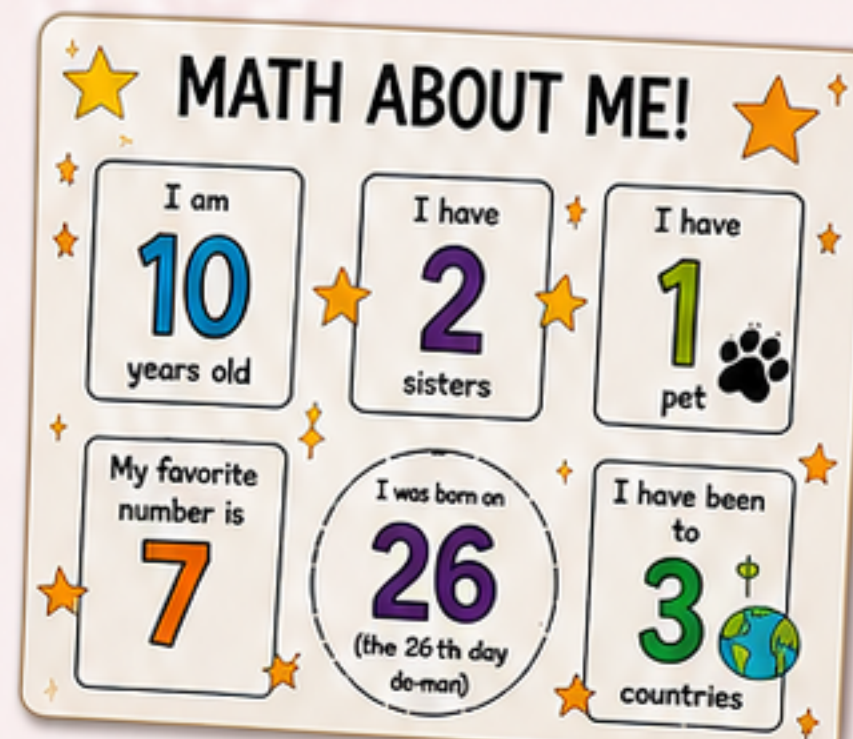
4 MATH ABOUT ME

123

Create a "Math About Me" poster using numbers to tell your story!

EXAMPLE

This poster uses numbers to share age, pets, favorite number and more!



5 CHAIN MAIL GOAL SETTING

Write your goals for the year on a strip of colored paper and add it to our class chain! It's a reminder to keep working toward our dreams all year long.

EXAMPLE

We build a chain of goals! Each link is a step toward a great year together.



Our goals link us together!

THINK • BUILD • CREATE • INSPIRE!