



COUNTING IN 2s & 6s

It was a busy night in Rusty's Repair Shop, deep in the heart of the Scrapheap, when the doors swung open with a loud BZZZT! In stumbled HippieBot, RaceBot, and a slightly sparking GamerBot, looking more confused than usual.

"Help, Rusty!" HippieBot beeped.

"Our circuits are all scrambled!" groaned RaceBot.

"My number scores are glitching!" added GamerBot.

"I can't level up!"

Rusty took one look and gasped. **"Missing numbers... tangled sequences... a total number meltdown! We need help - fast!"**

INSTRUCTIONS TO STUDENTS:

Rusty and the Bots need your help! Can you complete the number patterns and repair the circuits?

LEARNING FOCUS:

- Skip counting in 2s and 6s
- Identifying and completing number patterns
- Building fluency in mental maths



Help fix HippieBot

COUNTING
UP IN

2s

CIRCUIT
ROUTE

Help HippieBot
finish their
number sequence!
Count up in 2s to
power it up:



NUMBOTS



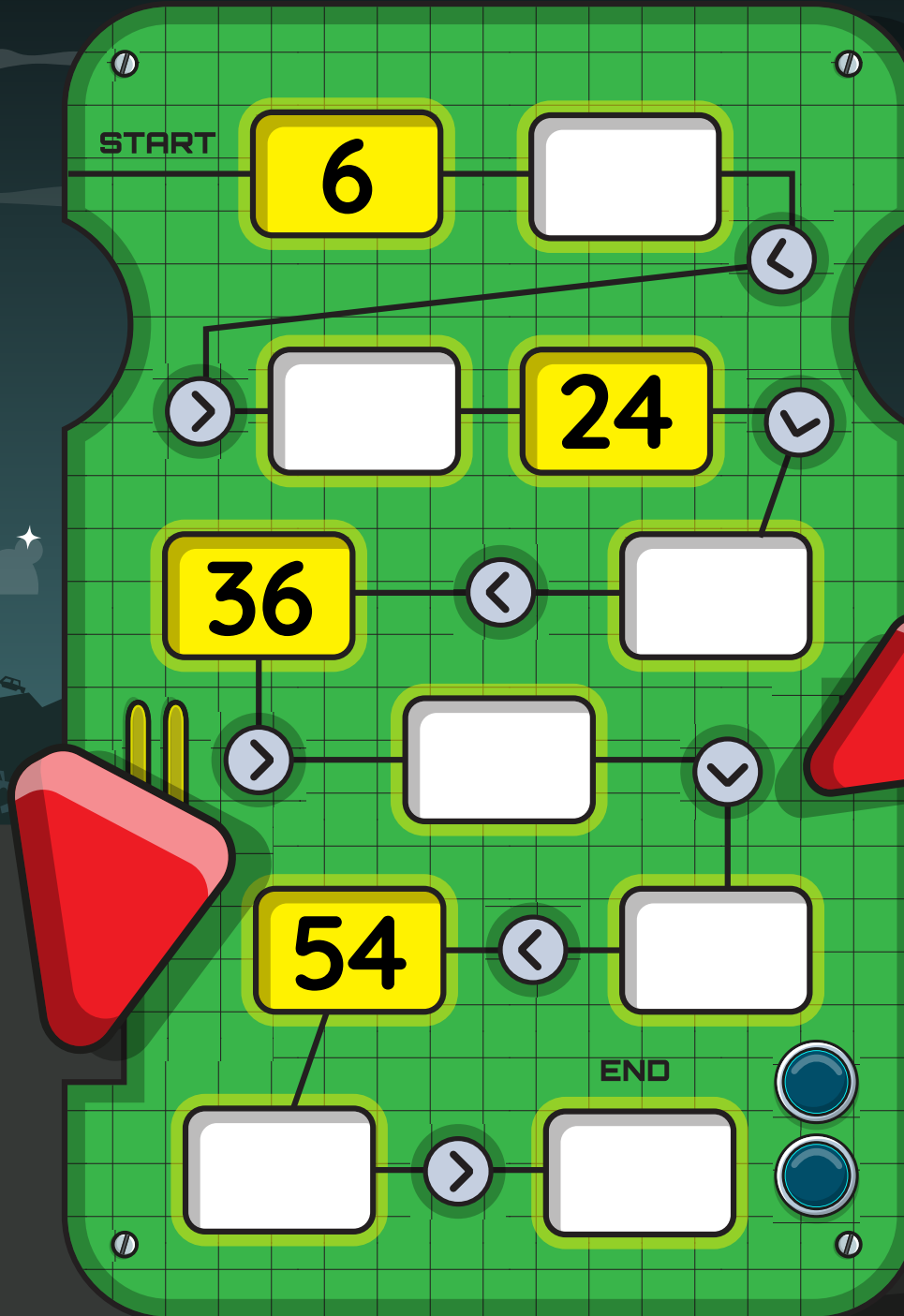
Help fix RaceBot

COUNTING
UP IN

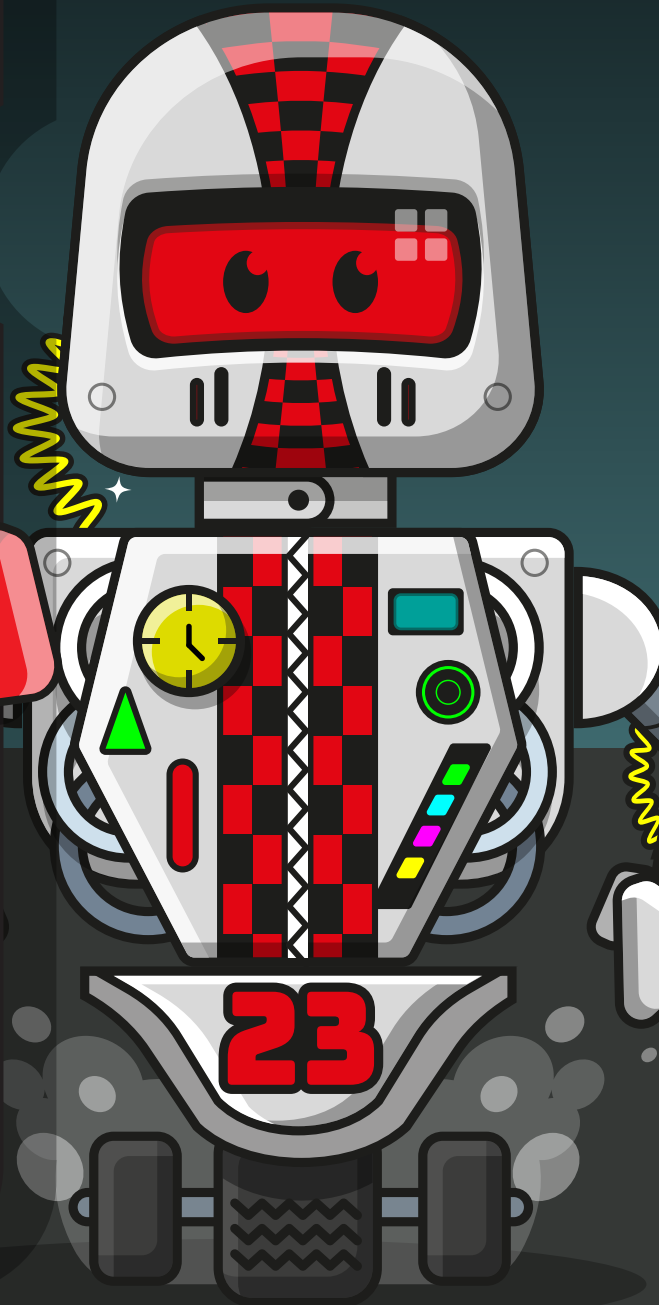
6s

CIRCUIT
ROUTE

RaceBot lost some
numbers in their
circuit. Count up in
6s to reconnect
the power:



NUMBOTS

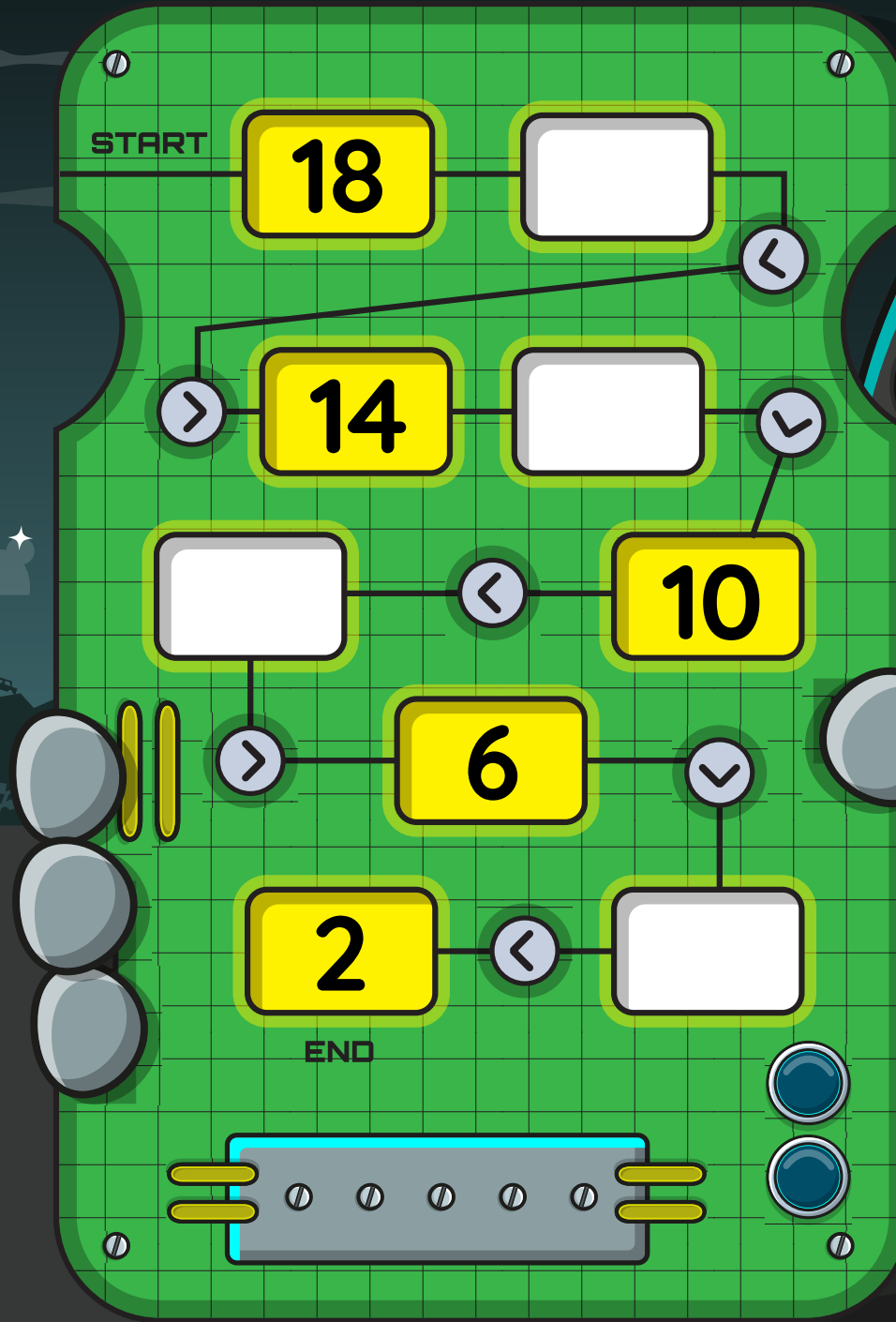


Help fix GamerBot

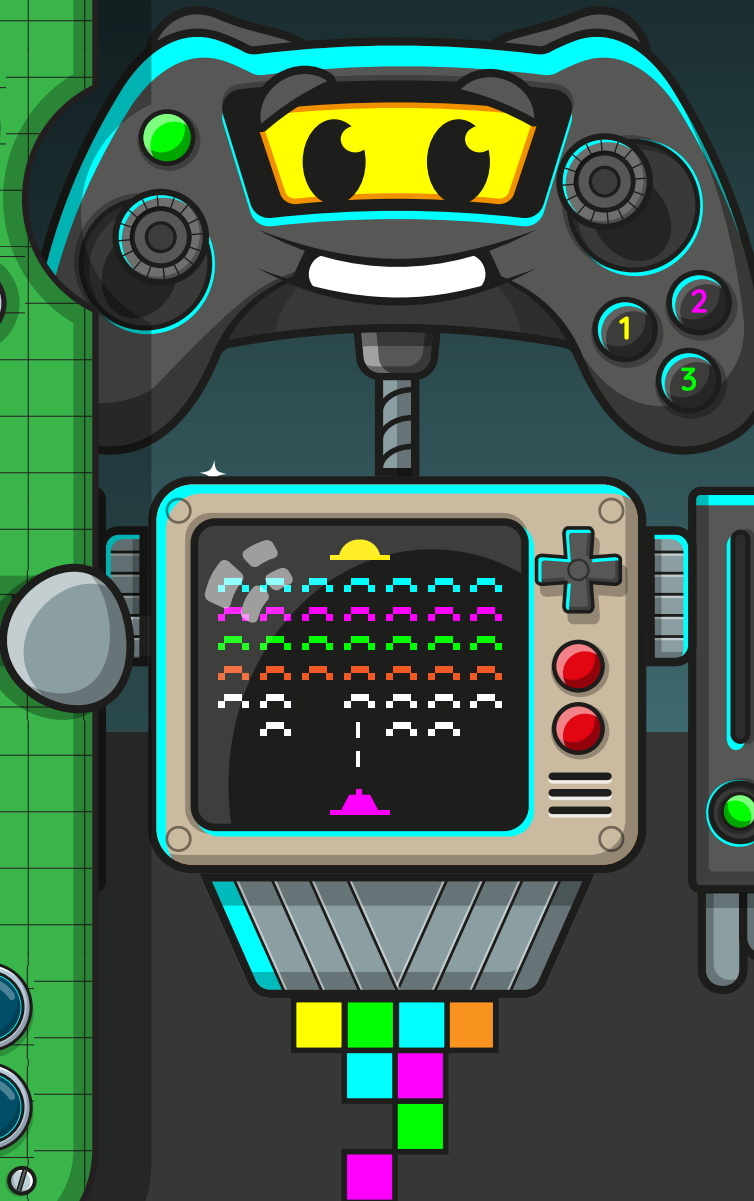
COUNTING
BACKWARDS
IN

2s

GamerBot's
number path needs
completing! Fill in
the missing numbers
by counting back in
steps of 2:



NUMBOTS



EXTEND & CHALLENGE

EXTENSION - DESIGN YOUR OWN RUSTY CIRCUIT:

- Choose a number to count in (2, 5, 10, or even 6!)
- Draw a circuit of at least 10 numbers but leave some blank
- Swap with a partner and try to solve each other's circuits!

CHALLENGE QUESTIONS (OPTIONAL):

- How many times do you have to count in 2s to reach 26?
- What is the 5th number in the 6s pattern?
- Can you find a number that's in both the 2s and 6s patterns?

