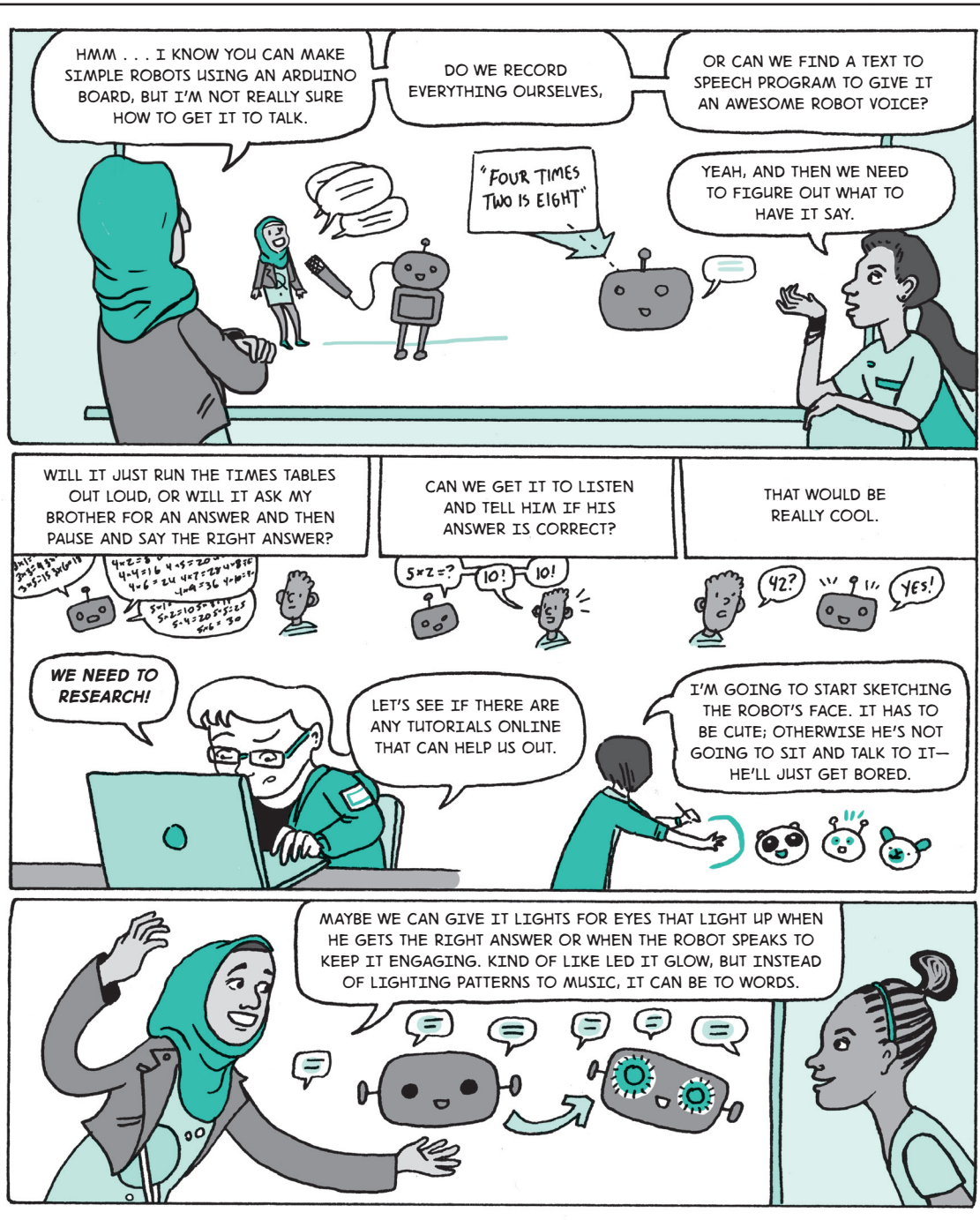
HMM . . . I KNOW YOU CAN MAKE SIMPLE ROBOTS USING AN ARDUINO BOARD, BUT I'M NOT REALLY SURE HOW TO GET IT TO TALK.
DO WE RECORD EVERYTHING OURSELVES,
OR CAN WE FIND A TEXT TO SPEECH PROGRAM TO GIVE IT AN AWESOME ROBOT VOICE?
"FOUR TIMES TWO IS EIGHT"
YEAH, AND THEN WE NEED TO FIGURE OUT WHAT TO HAVE IT SAY.
WILL IT JUST RUN THE TIMES TABLES OUT LOUD, OR WILL IT ASK MY BROTHER FOR AN ANSWER AND THEN PAUSE AND SAY THE RIGHT ANSWER?
CAN WE GET IT TO LISTEN AND TELL HIM IF HIS ANSWER IS CORRECT?
5×2=?
10!
10!
THAT WOULD BE REALLY COOL.
42?
YES!
WE NEED TO RESEARCH!
LET'S SEE IF THERE ARE ANY TUTORIALS ONLINE THAT CAN HELP US OUT.
I'M GOING TO START SKETCHING THE ROBOT'S FACE. IT HAS TO BE CUTE; OTHERWISE HE'S NOT GOING TO SIT AND TALK TO IT—HE'LL JUST GET BORED.
MAYBE WE CAN GIVE IT LIGHTS FOR EYES THAT LIGHT UP WHEN HE GETS THE RIGHT ANSWER OR WHEN THE ROBOT SPEAKS TO KEEP IT ENGAGING. KIND OF LIKE LED IT GLOW, BUT INSTEAD OF LIGHTING PATTERNS TO MUSIC, IT CAN BE TO WORDS.