Skills:	Master!!	Confident Creator	Almost There	Needs Help
Reading	I used diagrams to help me build or understand the Smart Motor setup.	I looked at diagrams and they helped me a little.	I looked at a diagram but didn't use it much.	I didn't use any diagrams to help with the motor.
Engineering & Testing	I identified a design need, created a working solution, and made thoughtful improvements.	I created a design that worked and made some changes after testing.	I had an idea and built it, but didn't test or change it much.	I had a hard time figuring out the design or how to make it work.
Speaking	I can explain how each labeled part works (like the port, dial, sensor, LED).	I know most of the parts and can explain what they do.	I know a few parts but got mixed up about what they do.	I wasn't sure what the motor parts were or what they did.
Writing	I wrote clear, step-by-step directions for how to make the motor run or move.	I wrote most of the steps, but a few were unclear or missing.	I wrote a little about how I used the motor, but not clearly.	I didn't write about how I used the motor.
Math and Measuring	I used numbers (like speed, angle, or time) to train and test the motor and track results.	I used some numbers to measure or test the motor.	I used a few measurements but didn't explain much.	I didn't measure or record any motor data.
Computer Science and Coding	I tested the motor, fixed problems, and made smart changes to improve it.	I tested my motor and made a few small fixes.	I tried it once or twice, but didn't fix much.	I didn't test or try to improve the motor.
Creativity & Design	I shared a fun or helpful	I gave one good	I gave a simple or	I didn't connect motors

	idea for how smart motors can be used in real life!	example of real-life motor use.	unclear idea.	to real life.
Tech Talk Vocabulary	I used smart words like "input," "sensor," and "program" in my writing or talking.	I used some of the new tech words we learned.	I used only a couple of tech words.	I didn't try to use any special vocabulary.