MARYVILLE UNIVERSITY

Skill	Wow!!`	Got It!	Getting There	Needs Help
Sun Path Model	My model clearly shows the sun rising, moving, and setting. It moves smoothly and correctly.	My model shows the sun rising and setting, and it mostly moves the right way.	My model moves, but it doesn't show the full sun path or is a bit confusing.	My model doesn't show the sun's path clearly or doesn't move.
Shadow Understanding	I explained clearly how and why shadows change during the day using examples.	I explained how shadows change during the day.	I tried to explain shadows, but it wasn't clear.	I didn't explain shadows or was off-topic.
Smart Motor Coding	I programmed 3+ data points that made my sun move with purpose and good timing.	I programmed at least 2 data points and my sun moved pretty well.	I entered data, but the motor didn't work right or wasn't complete.	I didn't finish programming or didn't get the motor to work.
Teamwork	I was kind, helped my group, and listened to others' ideas the whole time.	I worked well with my group most of the time.	I worked with my group a little, but sometimes I didn't listen or help.	I didn't really work with my group.
Creativity & Design	My model is colorful, neat, and shows awesome creativity with details!	My model looks nice and has good effort and design.	I added some details but rushed or left parts out.	My model is missing details or looks unfinished.
Explaining My Work	I used science words and clearly explained what I built and why.	I explained my model and shared my thinking.	I tried to explain but needed more detail.	I didn't explain or needed lots of help.