

### 5<sup>th</sup> Grade Learning Progression Scales

Learning Goal:	The students will be able to understand that the flow of electricity requires a closed circuit and explain why a closed circuit is necessary.	
Standard(s):	<b>SC.5.P.11.1</b> Investigate and illustrate the fact that the flow of electricity requires a closed circuit (a complete loop). (DOK: Level 2: Basic application of skills and concepts)	
Scale		Sample Progress Monitoring Assessment Activities
4.0	In addition to 3.0, in-depth inferences and applications that go beyond what was taught the student is able to: Build a working model of a closed circuit	How Does Electricity Flow? Students will create a parallel circuit so when a light is removed, the rest will stay lit. Students will be able to explain the reasoning behind this. (Resource ID 28631) Virtual Manipulative (Resource ID 2060) The student will engage in an on-line activity that simulates building series circuits and conductors of electricity.
3.0 Target	The student understands and is able to: I can investigate and illustrate the fact that the flow of electricity requires a closed circuit  The student exhibits no major errors or omissions.	Students will draw an example of a closed circuit, labeling the parts correctly.
2.0	There are no major errors or omission regarding the simpler details and processes; however, the student exhibits major errors or omissions regarding the more complex ideas and processes.  The student is able to: I can look at an illustration and identify its parts.	Students will correctly label the parts of a closed circuit
1.0	With help, a partial understanding of some of the simpler details and processes and some of the more complex ideas and processes the student is able to: With help I can correctly identify a closed circuit	Students can correctly identify closed circuits by looking at different diagrams of types of circuits and choosing the circuits that allow the flow of electricity