

Behind The Scenes (Code in everyday life) – Assessment Rubric Strand B

Criteria	Level 1	Level 2	Level 3	Level 4
Communication - provide a description of the systems using appropriate terminology related to motion including position, distance, displacement, speed, and acceleration	- provides an explanation of the systems' motion using limited appropriate terminology	- provides an explanation of the systems' motion using some appropriate terminology	- provides an explanation of the systems' motion using a considerable amount of appropriate terminology	- provides a thorough explanation of the systems' motion using a high degree of appropriate terminology
Communication - discuss the forces and net forces involved in the motion of the system	- identifies the forces and net forces related to the motion of the systems with limited clarity	- identifies the forces and net forces related to the motion of the systems with some clarity	- identifies the forces and net forces related to the motion of the systems with considerable clarity	- identifies the forces and net forces related to the motion of the systems with a high degree of clarity
Thinking - determine a set of logical steps likely executed to complete one full cycle of your systems	- the decomposition of the overall system is complete but explained with limited clarity	- the decomposition of the overall system is complete and explained with some clarity	- the decomposition of the overall system is complete and explained with considerable clarity	- the decomposition of the overall system is complete and explained with a high degree of clarity

Behind The Scenes (Code in everyday life) – Assessment Rubric Strand C				
Criteria	Level 1	Level 2	Level 3	Level 4
Communication - provide a description of the mechanical systems using appropriate terminology including coefficients of friction, torque, and mechanical advantage	- provides an explanation of the mechanical system using limited appropriate terminology	- provides an explanation of the mechanical system using some appropriate terminology	- provides an explanation of the mechanical system using a considerable amount of appropriate terminology	- provides an explanation of the mechanical system using a high degree of appropriate terminology
Communication - discuss the work input and output on the mechanical system	- discuss the work done to and/or by the mechanical systems with limited clarity	- discuss the work done to and/or by the mechanical systems with some clarity	- discuss the work done to and/or by the mechanical systems with considerable clarity	- discuss the work done to and/or by the mechanical systems with a high degree of clarity
Thinking - determine a set of logical steps likely executed to complete one full cycle of your systems	- the decomposition of the overall system is complete but explained with limited clarity	- the decomposition of the overall system is complete and explained with some clarity	- the decomposition of the overall system is complete and explained with considerable clarity	- the decomposition of the overall system is complete and explained with a high degree of clarity

Behind The Scenes (Code in everyday life) – Assessment Rubric Strand F

Criteria	Level 1	Level 2	Level 3	Level 4
Communication - describe common components used in hydraulic systems and explain their functions	- the functions and roles of the components found within the systems are described with limited clarity	- the functions and roles of the components found within the systems are described with some clarity	- the functions and roles of the components found within the systems are described with considerable clarity	- the functions and roles of the components found within the systems are described with a high degree of clarity
Communication - state Pascal and/or Bernoulli's Principle and explain how they apply to your systems	- Pascal and/or Bernoulli's principle, as well as its role in your systems, are explained with limited clarity	- Pascal and/or Bernoulli's principle, as well as its role in your systems, are explained with some clarity	- Pascal and/or Bernoulli's principle, as well as its role in your systems, are explained with considerable clarity	- Pascal and/or Bernoulli's principle, as well as its role in your systems, are explained with a high degree of clarity
Thinking - determine a set of logical steps likely executed to complete one full cycle of your systems	- the decomposition of the overall system is complete but explained with limited clarity	- the decomposition of the overall system is complete and explained with some clarity	- the decomposition of the overall system is complete and explained with considerable clarity	- the decomposition of the overall system is complete and explained with a high degree of clarity