

CURRICULUM

CURRICULUM CONNECTIONS

This section is for educators who want more specific information regarding the Math 10 Pure and Applied curricula for each activity in the *Collision Scene Investigation* crate.

General Outcomes for Math 10 Pure and Applied

Examine the nature of relations and functions, with an emphasis on functions

Activity	Outcomes (Applied Stream)	Specific Outcomes (Applied Stream)
Inquiry #1	3.5	• Use function notation to evaluate [C,PS]
Inquiry #2	3.5	• Use function notation to evaluate [C,PS]
Inquiry #3	3.5	• Use function notation to evaluate [C,PS]
Inquiry #4	3.1 and 3.6	• Describe a function in terms of a graph [C,CN,V] • Determine the domain and range of a relation from its graph [PS,V]
Inquiry #5	3.5	• Use function notation to represent functions [C,PS] • Plot non-linear data [C,V]
Inquiry #6	3.1 and 3.4	• Plot non-linear data. [C,V] • Describe a function in words [C,CN,V]
Inquiry #7	3.4	• Describe a function in words [C,CN,V]

Activity	Outcomes (Pure Stream)	Specific Outcomes (Pure Stream)
Inquiry #1	4.4	• Use function notation to evaluate [C,PS]
Inquiry #2	4.4	• Use function notation to evaluate [C,PS]
Inquiry #3	4.4	• Use function notation to evaluate [C,PS]
Inquiry #4	4.3 and 4.5	• Describe a function in terms of a graph [C,CN,V] • Determine the domain and range of a relation from its graph [PS,V]
Inquiry #5	4.4	• Use function notation to represent functions [C,PS]
Inquiry #6	4.3	• Describe a function in words [C,CN,V]
Inquiry #7	4.3	• Describe a function in words [C,CN,V]