

Find the average times for the 2 teams then calculate the average speeds for each team using the speed algorithm.



Figure 1

Race#	Scrap Daddies Time (s)	Chicago Fire Time (s)
1	9.89	9.46
2	8.93	9.29
3	8.589	8.593
Average Time (s)		

Round to 2
decimal
places.

- 1) Write equation
- 2) Substitute with units
- 3) Solve
- 4) Box answer with units

Distance 200m

Learning I can plan an investigation to calculate the speed of a moving
Target: object.



11/29

Speed

#4

Race#	Scrap Daddies Time (s)	Chicago Fire Time (s)
1		
2		
3		
Average Time (s)		



Figure 1

Round to 2
decimal
places.

200m

Find the Speed

Scrap D

$$S = \frac{d}{\Delta t}$$

Chicago Fire

$$S = \frac{d}{t}$$

+



- 1) Write equation
- 2) Substitute with units
- 3) Solve
- 4) Box answer with units

Learning I can plan an investigation to calculate the speed of a moving
Target: object.

Ramp and Car investigation

Question

Hypothesis

Variables

MV- Height of a ramp

RV- Speed of the car

CV- distance of 200 cm

Learning Target: *I can plan an investigation to calculate the speed of a moving object*

11/29

Speed

#4

Materials

Car
Measuring tape
of books

Ramp

Timer

Tape to mark x_i
and x_f

Passenger.

Diagram

You must show
reference
points and x_i and x_f

Procedures

Learning Target: *I can plan an investigation to calculate the speed of a moving object.*

Data Table

# of Books	2 Books	3 Books	4 Books
Trial 1 (s)			
Trial 2(s)			
Trial 3 (s)			
Average (s)			

Learning Target: *I can plan an investigation to calculate the speed of a moving object*

09/30

Defining Motion

#6

Diagram

Learning Target: *I can plan an investigation to calculate the speed of a moving object.*

09/30

Defining Motion

#6

Diagram

Learning Target: *I can plan an investigation to calculate the speed of a moving object.*

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Anal 25

AMAN HAYLEY	APONE NATHANIEL
ASPINALL EMMA	AUSTIN LILLIAN
BENT JAMES	CANTALINO RYAN
FENDER ASHTON	ELJE ELIDA
FRYER CAMERON	GRONLUND ANDREW

700000" Page 3 of 9 Best Fit

11/29 Speed #4

Ramp and Car investigation

Question

Hypothesis

Variables

- MV- Height of a ramp
- RV- Speed of the car
- CV- distance of 200 cm

Learning Target: *I can plan an investigation to calculate the speed of a moving object.*

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Anal

11/29 Speed #4

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Learning I can plan an investigation to calculate the speed of a moving object.
Target: object.

Enter text

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Anal 25

AMAN HAYLEY	APONE NATHANIEL
ASPINALL EMMA	BARKER BARRY
CANTALINI RYAN	CHOUNARD MAGGIE
FENDER ASHTON	ELJE ELIDA
FRITZ CAROL	GOODEY ANNETTE

700000" Page 3 of 11 Best Fit

11/29 Speed #4

Ramp and Car investigation

Question

Hypothesis

Variables

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Learning Target: *I can plan an investigation to calculate the speed of a moving object.*

Enter text

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Anal

Web Browser

Acti-Expression Devices

Acti-Expressions

AMAN HAYLEY
ASPINALL EMMA
BAER JACOB
BAILEY JAKE
BARKER BARRY
BLACK MOLLY
BLOOD MACKENZIE
BRINK ELLISON
CANTAI IMI RYAN

Results Browser 2011-11-29 car and ramp investigation

Settings

	AMAN HAYLEY	ASPINALL EMMA
	BAER JACOB	BAILEY JAKE
	BARKER BARRY	BLACK MOLLY
	BLOOD MACKENZIE	BRINK ELLISON
	CANTAI IMI RYAN	

11/29 Speed

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Distance 200m

Learning I can plan an investigation to calculate the speed of a moving Target: object.

Round decimal places.

Enter text

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Anal

AMAR HAYLEY	ASPIJALL EMMA
BAER JACOB	BAILEY JAKE
BARKER BARRY	BLACK MOLLY
BLOOD MACKENZIE	BROOK ELLISON

700000" Page 3 of 13 Best Fit

11/29 Speed #4

Ramp and Car investigation

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Hypothesis

Variables

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Enter text

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