

Forces and Motion – Dynamics, Kinematics and Circular Motion - **SAMPLE**

Task Card Review Game

Instructions

- Students get into groups of 2
- Place task cards around the room randomly (i.e. # 1 shouldn't necessarily be near #2)
- Assign each group a task card number as a starting point. Once they have completed that card, they move onto the next in numerical sequence.
- Students disperse, find their questions and answer them on a separate piece of paper (a student answer key is included).
- The challenge of the game is to have your students match their answer with the corresponding word on the Word Chart (displayed around the room).
- On an overhead projector, have all the answers and their corresponding words listed

(See Task Card Review Game Word Chart)

- o Note –posting additional copies of the Word Chart around the room can decrease congestion around the projector and make it easier to see.

Example - Task Card Review Game Word Chart

Answer	Word	Answer	Word
3	Hello	45	World
19	here	14	I'm

- Once they have completed each task card and put their words in the correct order (Word from Question 1, Word from Question 2, etc.) they will create a quote

i.e. the answer to #1 is 3 and its word is Hello, #2 is 45 = World, #3 is 14 = I'm, #4 is 19 = here

Your students would put the words together and get "Hello World I'm here"

- The group then brings their quote to the teacher who checks for correctness

Simple Task Card Review

- For typical review, you can simply distribute the Task Cards to your class for individual, group or whole class review
- Task cards can also be easily and effectively incorporated into math workshops
- The task cards can be projected on the board for whole class review
- The task cards work well as cue cards, test review, etc.

Student Answer Sheet

Answer	Word	Answer	Word
1 -		11 -	
2 -		12 -	
3 -		13 -	
4 -		14 -	
5 -		15 -	
6 -		16 -	
7 -		17 -	
8 -		18 -	
9 -		19 -	
10 -		20 -	

Teacher Answer Key

When playing the Task Card Review Game, the quote that should be completed once all the Task Card Sets are complete is –

In the full version, all answers are provided.

1. 50.0 km/h	11.
2. 16 m	12.
3. 5.4	13.
4. 58	14.
5.	15.
6.	16.
7.	17.
8.	18.
9.	19.
10.	20.

Task Card Review Game Word Chart

All Task Card Answers are connected with a certain word (clue). Once the group solves a Task Card, they will use the answer to identify the associated word (clue) to gain a part of the puzzle (sentence). Once all the clues are discovered, your students will put them together to solve the puzzle (complete the quote). Below is a portion of the Answer-Clue Chart. Note: There are incorrect as well as correct answers listed.

If you are interested in purchasing the full resource, please visit **My Store**.

Answer	Word	Answer	Word
$F_{T1} > F_{T2} > F_{T3}$	SPACE THE	58	WE ARE
	TODAY ABOUT		IN
	THE		WORLD
	DON'T		BELIEVE
	OUR		YOUR
	IT SURPRISES		UNIVERSE AND
	TRUST		BUT
	WORLD OUT	48.0 km/h	INSTEAD
	BEST		CRAZY
0	LIKE PHYSICS		RELY
	ON		THE MOST
	FINAL DESTINATION		THERE.
	BASIC OF		THE THINGS
	PHILOSOPHY OF		ME HOW
8 m/s^2	AND		CURIOUS
	DISINTERESTED		MOST
	WE AS		THE HEARTH
	IT'S A	acceleration	BE
	10	10 m	BEAUTIFUL

Complete Task Card List – For Teacher Reference

Question	Answer	Word
1. A bus drives 40.0 km [E] from town A to town B, then another 30.0 km [S] to town C in a total time of 1.00 h. What is the value of its average speed?	50.0 km/h	It surprises
2. An object is thrown vertically upward at 18 m/s from a window and hits the ground 1.6 s later. What is the height of the window above the ground? (Air resistance is negligible.)	16 m	me how
3. How long does it take a car to slow down from a speed of 54 km/h to 32 km/h over a distance of 65 m?	5.4	disinterested
4. A car accelerates at 2.7 m/s^2 for 5.4 s, reaching a speed of 18 m/s. During the period of acceleration, the car travels a distance of	58 m	we are
5.		today about
6.		things
7.		like physics,
8.		space, the
9.		universe and
10.		philosophy of

11.		our existence,
12.		our
13.		purpose, our
14.		final destination.
15.		It's a
16.		crazy
17.		world out
18.		there.
19.		Be
20.		curious.



1

A bus drives 40.0 km [E] from town A to town B, then another 30.0 km [S] to town C in a total time of 1.00 h. What is the value of its average speed?



2

An object is thrown vertically upward at 18 m/s from a window and hits the ground 1.6 s later. What is the height of the window above the ground? (Air resistance is negligible.)

3

How long does it take a car to slow down from a speed of 54 km/h to 32 km/h over a distance of 65 m?

4

A car accelerates at 2.7 m/s^2 for 5.4 s, reaching a speed of 18 m/s. During the period of acceleration, the car travels a distance of