

I. Monday

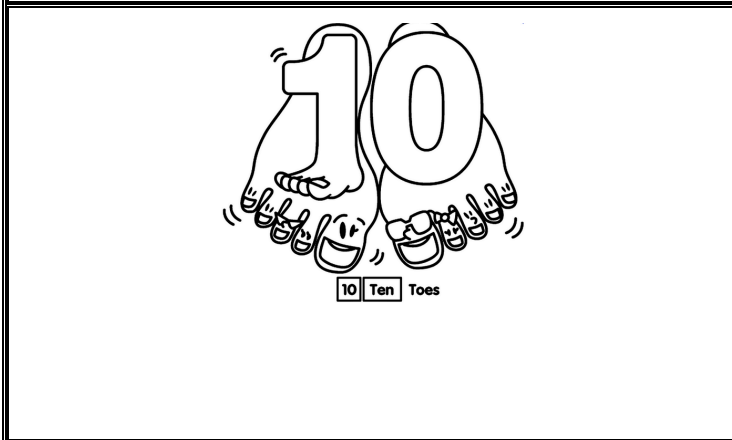
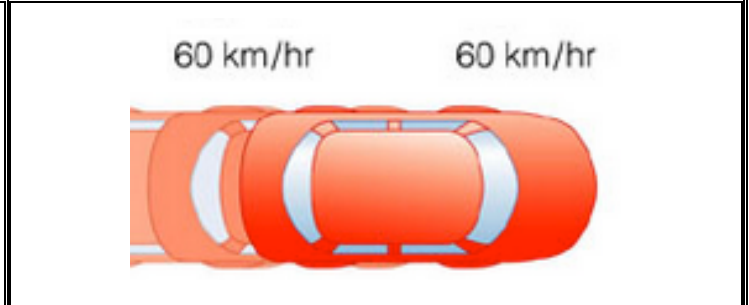
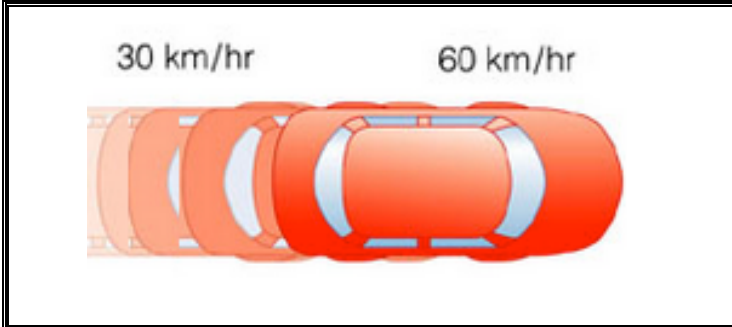
Materials: 1 pictionary board + 1 set of words **per 2 students (total: 12 of each)**

Routine: Once the Pictionary is completed; pairs sitting across the same tables share & explain their work

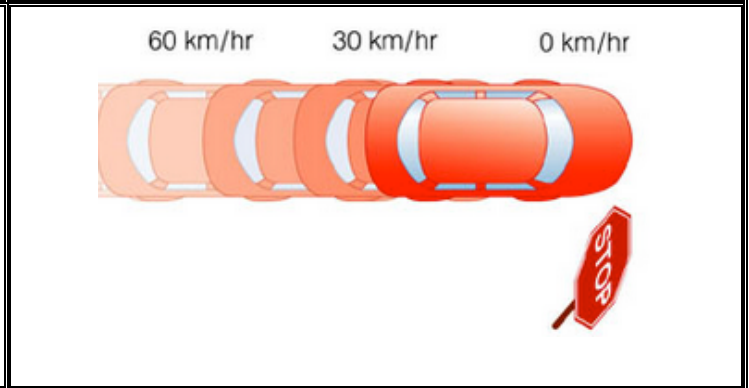
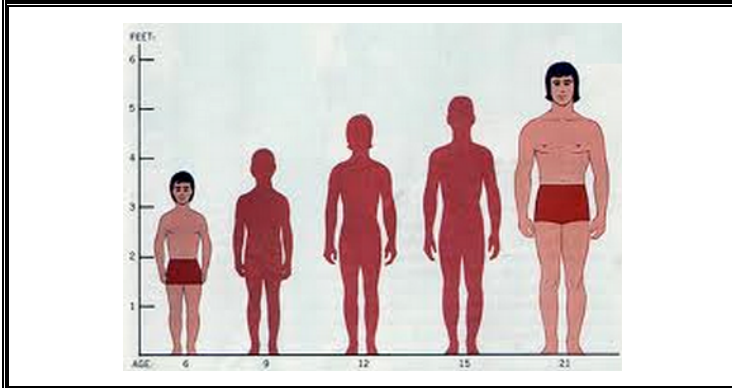
Pictionary

Acceleration	Experience a force
Decrease	Amount
Exert a force	Constant speed
Number	Data table
Increase	Deceleration

Pictionary Board



	Trial 1		Trial 2		Trial 3	
Avg = 4	4	4	4	4	4	4
Alum S=0	4	4	4	4	4	4
Avg = 0.153	0	0	0	0	0	0
Salt S=0.302	0	0	1	0	1	0
Avg = 2.03	3.5	3	3.5	3	3.5	3
Sugar S=0.001	3	1	4	1	4	1



II. Tuesday

a. Charade

Option 1: Teacher calls the words, kids standing next to their desks show what the word means with their hands, motions, body language.

Option 2: Teacher give a word to each table, the table creates the charade, the class guesses

Materials for Option 2: 1 cut-out word per table

Acceleration	Experience a force
Decrease	Amount
Exert a force	Constant speed
Increase	Deceleration

b. Spelling Pyramid

Materials for spelling pyramid: 1 hand out per child (next page)

Spelling Pyramid

Amount a am amo amou amoun amount	Experience
Acceleration	Decrease
Exert	Speed
Increase	Deceleration

Working with a partner, write 2 sentences using the words from the spelling pyramid:

1. _____

2. _____

Card game

<p>Acceleration: the act or process of moving faster</p>	<p>Experience a force: to receive, feel a force</p>
<p>Decrease: to become smaller in size, amount, number</p>	<p>Amount: a quantity of something that cannot be counted (such as effort, force)</p>
<p>Exert a force: to use a force</p>	<p>Constant speed: speed that is staying the same; not changing</p>
<p>Number: a quantity of something that can be counted (such as people, things)</p>	<p>Data table: a collection of information that is arranged in rows and columns</p>
<p>Increase: to become larger or greater in size, amount, number</p>	<p>Deceleration: the act or process of moving slower</p>
<p>Force: a push or pull</p>	<p>Velocity: the change in position per unit of time</p>

Card game: Each team gets a set of cards (word + definition); 1 student takes the card and reads the word, the person to her right provides a definition, description, or an example. **The person holding the card reads the definitions & the whole table decides if the answer should be counted as correct.** If correct, the person who got it right takes the card. The game continues until there are no more cards in the set (some words will be from previous weeks as a review).

Materials: 6 sets of words (1 per table)

IV. Thursday

- a. Round 1: “Jeopardy” (Materials: the Wednesday set for the host)
 - i. The class splits into two teams + 1 person is the game host
 - ii. 1 person from each team stands approaches the host’s table.
 - iii. The host reads a word, the first person who “pushes a button” gets to provide the word definition. The correct definition gets the team a point.
 - iv. The game continues until all words have been used.

- b. Round 2: Each team gets a set of 4 key vocab words and blank sentence strip. The teams are asked to develop sentences using the key words. Each scientifically + grammatically correct sentence gets the team 1 point.

V. Friday

- a. Quiz
- b. **Grade own understanding (using the Vocab Journal on a scale of 1-4)**

Answer Key

#	Sentence	Letter	Correct
1.	The pilot <u>increased</u> the speed of the plane to take off .	G.	
2.	We say that a car is <u>accelerating</u> when its velocity is increasing.	A.	
3.	Stopping a high-speed baseball requires a great <u>amount</u> of force.	B.	
4.	Movement up is called <u>upward</u> movement; movement down is called downward movement.	H.	
5.	When an athlete kicks a ball, the ball <u>exerts</u> an equal and opposing force in return.	E.	
6.	The driver <u>decreased</u> her speed as she approached the stop sign.	D.	
7.	The amount of force <u>experienced</u> by the ball is equal to the amount of force applied by the player kicking the ball.	F.	
8.	When a car is moving with no change in velocity, we say that the car is moving at <u>constant speed</u> .	C.	

Name _____

Date _____

Using the Word Bank, choose the best word (or phrase) that matches each sentence. Write the word on the line and put the corresponding letter in the space provided.

A. accelerating	E. exerts
B. amount	F. experienced
C. constant speed	G. increased
D. decreased	H. upward

#	Sentence	Letter	Correct
1.	The pilot _____ the speed of the plane to take off.*		
2.	We say that a car is _____ when its velocity is increasing.		
3.	Stopping a high-speed** baseball requires a great _____ of force.		
4.	Movement up is called _____ movement; movement down is called downward movement.		
5.	When an athlete kicks a ball, the ball _____ an equal and opposing force in return.		
6.	The driver _____ her speed as she approached the stop sign.		
7.	The amount of force _____ by the ball is equal to the amount of force applied by the player kicking the ball.		
8.	When a car is moving with no change in velocity, we say that the car is moving at _____.		
Total correct			____/8

*take off = start flying

**high-speed = moving at high speed