Phones away - I see them, I take them

As you come in, grab a stack of notes.

On the front page of your notes is an assignment

for you to work on while you wait for class to start.

Agenda:

- Newtons Laws
- Describing Motion
- Acceleration
- Forces

A Bell work
C 1

Working

H Ask Group

I Individiual
Phone Away -

Put on your student pants

Fo in

Follow instructions

Issac Newton (the guy that had an apple fall on
his head) some up with 2 large of motion

Law 1 - Inertia - objects at rest tend to stay at

rest, objects in motion tend to stay in motion.

Law 2 - Forces - Force equals mass times accel-

eration, $F = m \times a$.

Law 3 - Collisions - For every action there is an equal and opposite reaction.

C 0

H Raise your hand

I Engage and ask questions

Headphones

 \mathbf{E}

Lecture / Notes

Enhance knowledge Review notes

away

Law 1 -	Inertia -	- what	objects	do	when	they	are
alone	e.						

Law 2 - Forces - how to change an objects mo-

tion.

Law 3 - Collisions - when things interact, both

are effected equally.

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Headphones away

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hand

Enhance knowledge

Lecture / Notes

Engage and ask questions

Raise your

Review notes

With the space in your notes, draw a picture that represents the law to you.

	Groups
C	1
Н	Ask group, then teacher
I	Equal participation
E	Headphones out
V	Mutual growth
E	Plan, divide, and conquer

Collaborative

Position - when	re something is.
------------------------	------------------

Speed - how fast something is going.

Velocity - how fast something is going AND the

direction it is going. **Acceleration** - change in velocity. Raise your hand

Η

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Engage and ask

Lecture / Notes

questions

Headphones away

Enhance knowledge

Review notes

Draw a picture for each word.

	Collaborative
A	Groups
C	1
Н	Ask group,
	then teacher
I	Equal
	participation
I	Headphones
E	out
V	Mutual growth
E	Plan, divide,
	and conquer

Callaborativa

Velocity is made up of both speed and direction.

Since there are two parts to velocity, then a change in velocity happens if either part changes.

There are two ways that something can acceler-

ate:

- Change speed
- Change direction

H

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Raise your

Lecture / Notes

hand Engage and ask

0

questions Headphones

away

Enhance

knowledge Review notes

·	.01 (Uľ	y	our	·map
~					

Go back to the map you drew on the first page of your trip to school.

Color the sections where you were changing speed with one color.

Color the sections where you were changing direction with another color.

Ask group,

Groups

Collaborative

then teacher Equal

A

H

 \mathbf{E}

V

participation Headphones







Mutual growth

Plan, divide, and conquer

force.

A force is a shove.

Anything that causes something to move is a

If you want to move something, you have to apply a force.

A greater force makes a greater change in motion.

C 0

Raise your hand

I Engage and ask questions

Lecture / Notes

Headphones away

Enhance knowled

 \mathbf{E}

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knowledge Review notes