

EQ:  
What is the relationship  
between height and speed?

As height INCREASES ,



There is a

positive correlation

between these 2 factors.

speed INCREASES .



Activity E2: Measuring Speed  
Text page E7-E10



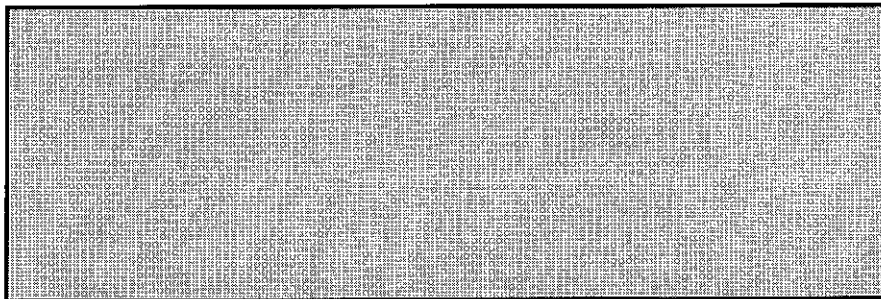
**Here are some tips to remember for figuring speed and completing labs.**



What are some of the different units of measure to describe speed?

- miles per hour (m/h or MPH)
- meters per second (m/s)
- kilometers per hour (kph or km/h)

--In our labs which of the 3 above units of measure do you think we will be using? Why?



--If a problem is given to solve make sure you look at the units of measure.

You just might need to complete a ratio to convert!!!

--Students should **ALWAYS** follow the directions given by the teacher and the procedures in the book!! Why?

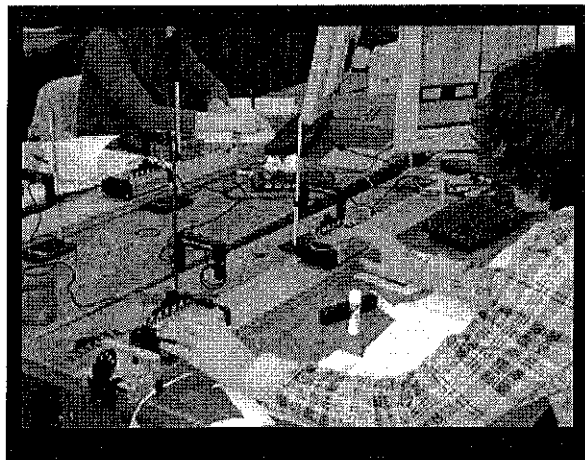
-- so that the lab equipment does **NOT** get destroyed.

--so that the lab is done correctly

SONG Speed is Distance over Time

<https://www.youtube.com/watch?v=4CWINoNpXCc&index=4&list=PL83019B40BC1A6023>

**Let's get started with our lab!**



1. Read the PROCEDURES with your group, page E8-E9.
2. Set up the track EXACTLY the way the procedures tell you to do so (LOOK @ the photo insert)!
3. Make the table like the one in the text page E9.
4. Begin the lab! (Complete #'s 1-8 page E9)

Part B: The Effect of Release Height  
Page E10

**--Complete #'s 9-11**

**--Talk about what you want to do as a  
GROUP!**

**Once the above has been  
accomplished,**

**- Complete #'s 12 and 13**