

Discovery Education Board Builder Assignment

Name: _____ Date: _____ Period: _____

- ❖ Build a Board using the [Discovery Education Website](#).
- ❖ Your board must include at least 1 video clip, 1 picture, and 2 graphs.
- ❖ Make sure you answer all parts of the questions.



Build your Board using the information below:

- Insert a video clip explaining how the motion of an object moves in relation to speed, velocity and acceleration. (5 pts)
- Explain the difference between speed, velocity and acceleration. (10 pts)
- Explain how the motion of an object can be described by its position with respect to some other object. (10 pts)
- Explain how the motion of an object can be described by its direction with respect to some other object. (10 pts)
- Explain how the motion of an object can be described by its speed with respect to some other object. (10 pts)
- Insert a picture that illustrates an object with speed, velocity or acceleration. (5 pts) Explain the picture. (10 pts)
- Insert a graph that illustrates the constant speed of an object to show a change in position over a period of time (distance/time graph). (5 pts) Explain the graph. (10 pts)
- Insert a graph that illustrates positive acceleration of an object on a speed versus time graph. (5 pts) Explain the graph. (10 pts)
- Share project with your Science Teacher. (10 pts)

How do I use the Discovery Education Website?

- ❖ Click on the Discovery Education link under Links and Resources on Blackboard.
- ❖ Log in to Discovery Ed: Username: wcp123456 (lunch #) Password: 123456 (lunch #)
- ❖ To search for pictures and/or videos click on *My DE Services, Streaming Plus*, then use the *Search Box* at the top of the page.
- ❖ To refine your search, click on *Media Type* on the left side of the page and then click on *Image or Video Segment*.
- ❖ To save a picture or video click on the *Small Arrow* by the plus sign and then click on *Add to Favorites*.
- ❖ Once you have saved the types of media you are going to use you can then click on *Board Builder* at the top of the page.
- ❖ Choose your board.
- ❖ Create your project.
- ❖ Make sure you **SAVE** your project periodically while you are working **and** before you log out.

- ❖ When your project is complete go to the top right of the page and click on *Share* and then your *Science Teacher's Name*. **If you do not do this I will not be able to see your project and give you a grade!**