



Lesson Plan | Work Energy

Summary:

1. Do Now 15 minutes
2. Student Presentation/Class Discussion 15 mins
3. Group activity 10 minutes
4. Group Presentation/Class Discussion 15 minutes
5. Exit Slip 10 minutes
6. Discussion : 10 minutes

Agenda	Action
Do Now	<p>Do Now Question: Find the work done on a 4 kg object by each force acting on it.</p>  <p>To support the visual learners, teacher will create a 40 second video to help students understand the homework: Link, https://youtu.be/FFvPKMogXJI</p>
Student Presentation/Class Discussion 15 mins	Upon checking the work students submitted on the Google Classroom, one student will be selected to present the Do Now.

<p>Group activity to Solve Big Idea 10 minutes</p> 	<p>Big Idea: Find the work done on the box to lift it up 2 meter above the ground.</p> <p>To support the visual learners, teacher will create a 40 second video to help students understand the Big Idea:</p> <p>Big Idea, https://youtu.be/0HshMw27kzs</p> <p>Small Hint, https://youtu.be/7ayIuzpipkU</p> <p>Big Hint, https://youtu.be/DrDGpOsN500</p>
<p>Group Presentation/Class Discussion 15 minutes</p>	<p>The teacher will be rotating around the breakout rooms. One group will be selected to present the Big Idea</p>
<p>Exit Slip 10 minutes</p>	<p>Exit Slip Question: Find the velocity of the box using the Work-Energy Theorem.</p> <p>To support the visual learners, teacher will create a 40 second video to help students understand the exit slip:</p> <p>https://youtu.be/Ow5itMpUdwM</p>
<p>Discussion : 10 minutes</p>	<p>One student will be randomly chosen to present the Exit Slip. The teacher will act as a facilitator.</p>
<p>Homework</p>	<p>Homework will be assigned. To support the visual learners, teacher will create a 40 second video to help students understand the homework:</p> <p>Link, https://youtu.be/zYYyynOOnfY</p>