

Name: \_\_\_\_\_

Section: \_\_\_\_\_

## States/Phases of Matter Video

An internet company has recently launched a new website with the purpose of providing teachers and students with videos of various educational topics. The company is currently seeking submissions of videos related to the states/phases of matter. Your group's task is to create a brief video of an assigned phase of matter to be submitted to the company. Hopefully, your video is selected by the company representatives and is uploaded to the website for all to benefit from. The guidelines below will help you successfully create the desired product.

1. Create a page on the class wiki that will be used to compile resources for the task - the name of the page should simply be your state/phase of matter.
2. Research the assigned state/phase of matter by searching available databases and the internet - cite a minimum of three helpful resources.
3. Brainstorm ideas for how you could represent the assigned state/phase in the video animation and create a written plan in the format of a script.
4. Create a two to three minute video for the assigned state/phase that includes the following:
  - a. Descriptive information related to the state/phase
  - b. Real-life examples of matter existing in the state/phase
  - c. Animation of how the particles behave in the state/phase
  - d. Credits and citations.

Assigned State/Phase - \_\_\_\_\_

## States/Phases of Matter Video - Check List

Component	Details	Completion Log (√ when complete)
<b>Introduction</b> <i>(≈ 20 minutes)</i>	<ul style="list-style-type: none"> <li>○ Discuss assignment, and its components</li> <li>○ Assign groups/topic</li> </ul>	
<b>Research</b> <i>(120 minutes)</i>	<ul style="list-style-type: none"> <li>○ Gather information on the assigned topic</li> <li>○ Use the research sheet for guidance</li> <li>○ All information should be recorded along with an appropriate citation</li> <li>○ Save document with information in the File Transfer folder for anything gathered in school</li> <li>○ To be completed at home if necessary</li> </ul>	
<b>Wiki</b> <i>(≈ 60 minutes)</i>	<ul style="list-style-type: none"> <li>○ On the class wiki, create a page for the assigned state/phase</li> <li>○ Review every group member's information gathered during the research phase and compile anything the group deems useful on the wiki page</li> </ul>	
<b>Video Techniques &amp; Formats</b> <i>(≈ 30 minutes)</i>	<ul style="list-style-type: none"> <li>○ Discuss various techniques and formats to be considered:                             <ul style="list-style-type: none"> <li>○ Stop action animation</li> <li>○ "Morphing"</li> <li>○ News broadcast/Reporter</li> <li>○ Music video</li> <li>○ Etc.</li> </ul> </li> </ul>	
<b>Group Brainstorm</b> <i>(≈ 30 minutes)</i>	<ul style="list-style-type: none"> <li>○ Consider the different techniques and formats and brainstorm for possible video ideas</li> <li>○ To be completed at home if necessary</li> </ul>	
<b>Script</b> <i>(≈ 120 minutes)</i>	<ul style="list-style-type: none"> <li>○ Develop a detailed script that contains all information related to the video (visuals, props, etc.)</li> <li>○ Rehearse</li> </ul>	
<b>Video</b> <i>(≈ 120 minutes)</i>	<ul style="list-style-type: none"> <li>○ Gather images and video recordings</li> <li>○ If using personal equipment, be sure to have all necessary components and that the equipment software is compatible with the school's computers</li> <li>○ <b>Students must have consent to appear in video</b></li> </ul>	
<b>Video Editing</b> <i>(≈ 120 minutes)</i>	<ul style="list-style-type: none"> <li>○ Combine and edit all images, video recordings, etc.</li> </ul>	

Names: \_\_\_\_\_

Section: \_\_\_\_\_

## States/Phases of Matter Video



### Project Grading Rubric

Component	Exceptional (10-9 Points)	Acceptable (8-7 Points)	Marginal (6-5 Points)	Points
Research	Information from three different reliable resources (databases or internet) is compiled on the group wiki page in an organized manner; appropriate citations	Information from a few resources is compiled along with citations and uploaded to the group wiki page	Information is used, but it may not be reliable or is limited; information not cited	
Script	Well organized, detailed, and mechanically sound script based on research; structured according to the action/dialogue format; uploaded to the group wiki page	Reasonably organized script based on research; uploaded to the group wiki page	Disorganized script that does not provide adequate guidance for the assignment	
Content	Accurate, relevant, and well-rounded body of information pertaining to the topic	Relevant information pertaining to the topic; however the information may be limited or inaccurate	Inaccurate or limited amount of information pertaining to the topic	
Creativity	Extremely clever and composed with originality; uniquely made	Added a few original touches to enhance the assignment	Little creative energy used for the assignment	

Technical Elements	Smooth flowing video with high quality edited shots; effective use of transitions and special effects to enhance the video	Reasonably flowing video with quality edited shots; transitions and special effects were used, but could be further manipulated to enhance the video	Questionably flowing video composed of poorly edited shots; transitions and special effects were not effectively used	
Media	Audio including sound clips, music and voice-overs are combined with appropriate graphics to enhance the video	Some audio and graphics are incorporated to enhance the video	Little to no audio or graphics are incorporated to enhance the video	
<b>Component</b>	<b>Exceptional (20-16 Points)</b>	<b>Acceptable (15-11 Points)</b>	<b>Marginal (10-6 Points)</b>	<b>Points</b>
Video	High quality final product that contains a detailed description of the state/phase, examples, an animation, as well as credits and citations; 2-3 minute long	Final product contains a description of the state/phase, an example, and an animation; may be not conform to the time limit	Final product is missing many of the necessary components	

Total \_\_\_\_\_/80

Additional Comments: