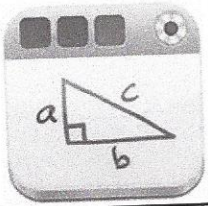


POWERPOINT PROJECT EVALUATION RUBRIC		
CONTENT	SCORE	COMMENTS
The presentation meets the information requirements of the assignment.		
Information is presented in logical sequence/structure.		
Information on slides reflects understanding and effective summarization. Information has not simply been copied and pasted from another source.		
There is not too much text on a slide. Each slide contains a limited number of talking points as opposed to complete paragraphs or lengthy sentences.		
Presentation is free of spelling and grammatical errors.		
DESIGN		
Slides display elements of effective design. Fonts, colors, backgrounds, etc. are effective, consistent and appropriate to the topic and audience.		
Animations and/or sounds have been used to emphasize important points. They do not distract from the content.		
Text is clear and easy for the audience to see.		
PRESENTATION		
Presenter was familiar with the material and did not read from slides or rely on notes. It is evident that the presentation was rehearsed.		
Presenter spoke clearly and slowly enough to be heard by the audience.		
Presenter showed enthusiasm for the subject matter and encouraged audience interest.		
Presenter made eye contact with audience.		

Scoring:

- 1 Poor, many requirements not met
- 2 Fair, some requirements met
- 3 Good, meets most or all expectations
- 4 Outstanding, exceeds expectations



Project Screencast

CATEGORY	4	3	2	1	Score
Planning/ Organization	Excellent planning and organization prior to creation of screencast. Organization of screencast makes sense.	Screencast topic was well planned prior to creation. Organization of screencast could be improved.	Screencast appears disorganized. Screencast should be improved prior to publishing.	Little planning done prior to recording. Screencast lacks organization and must be corrected.	____ / 4
Screencasting Video	Makes excellent use of font, color, graphics, effects, etc. to enhance the presentation. Provides an easy viewing experience.	Makes good use of font, color, graphics, effects, etc. to enhance to presentation.	Makes use of font, color, graphics, effects, etc. but occasionally these detract from the presentation content.	Use of font, color, graphics, effects etc. but these often distract from the presentation content.	____ / 4
Content	Covers topic in-depth with details and examples. Subject knowledge is excellent.	Includes essential knowledge about the topic. Subject knowledge appears to be good.	Includes essential information about the topic but there are 1-2 factual errors.	Content is minimal OR there are several factual errors.	____ / 4
Screencasting Audio	Interesting, well-rehearsed with smooth delivery.	Relatively interesting, rehearsed with a fairly smooth delivery.	Delivery needs improvement.	Hard to hear/understand.	____ / 4
Mathematical Terminology and Notation	Correct terminology and notation are used, making it easy to understand what was done.	Correct terminology and notation are used, but it is at times difficult to understand what was done.	Correct terminology and notation wasn't used and it is at times difficult to understand what was done.	There is little use, or a lot of inappropriate use, of terminology and notation.	____ / 4

TOTAL POINTS EARNED: ____ / 20

Ferris Wheel Rider Activity Rubric

	1	2	3	4	SCORE
Data Calculation – rider’s height	All data in inaccurate	There are three or four errors in data calculation	There are one or two errors in data calculation	All data is calculated correctly	
Data Plotting	Little or no understanding of plotting data is evidenced	Numerous errors when plotting data	Few errors when plotting data	No errors when plotting data	
Math Content - Cosine	Demonstrates little or no knowledge of how to create a cosine equation for data	Demonstrates a limited knowledge of how to create a cosine equation for data	Demonstrates a general knowledge of how to create a cosine equation for data	Demonstrates a clear knowledge of how to create a cosine equation for data	
Math Communication	Inaccurately communicates solutions to problem and concepts	Limited communication of solutions to problems and concepts	Satisfactorily communicates solutions to problems and concepts	Accurately communicates solutions to problems and concepts	
Use of Mathematical Terminology	No mathematical terminology is used or attempted	Some mathematical terminology is presented but not used correctly	Mathematical terminology is correctly used	Mathematical terminology is prevalent and used correctly.	
Neatness and Organization	Work appears sloppy and unorganized	Work is presented in an organized fashion but may be difficult to read	Work is presented in a neat and organized fashion that is usually easy to read	Work is presented in a neat, clear, organized fashion that is easy to read	
				Total:	

Group Members: _____

Arc Length Rubric

	1	2	3	4	SCORE
Solution – Arc Length	Less than 75% of the calculations and solutions have no mathematical errors	75%-84% % of the calculations and solutions have no mathematical errors	85%-89% of the calculations and solutions have no mathematical errors	90-100% of the calculations and solutions have no mathematical errors	
Solution – First Ride	The circumference is not calculated correctly or doubled	The circumference is correct, but is not doubled	The distance traveled is equal to twice the circumference, but the circumference is incorrect	The distance traveled is correct	
Arc Length	Does not define arc length or describe how to calculate it	Defines arc length but does not describe how to calculate it	Does not define arc length but describes how to calculate it	Correctly defines and describes how to calculate arc length	
Scaled Diagram	The diagram is not drawn to scale	The height off the ground and all angles are not drawn to scale	Only the Ferris wheel's height off the ground is not properly scaled	The diagram is drawn to scale	
Math Communication	Inaccurately communicates solutions to problem and concepts	Limited communication of solutions to problems and concepts	Satisfactorily communicates solutions to problems and concepts	Accurately communicates solutions to problems and concepts	
Neatness and Organization	Work appears sloppy and unorganized	Work is presented in an organized fashion but may be difficult to read	Work is presented in a neat and organized fashion that is usually easy to read	Work is presented in a neat, clear, organized fashion that is easy to read	
				Total:	

Group Members: _____

Sinusoidal Activity Rubric

	1	2	3	4	SCORE
Data Plotting	Little or no understanding of plotting data is evidenced	Numerous errors when plotting data	Few errors when plotting data	No errors when plotting data	
Math Content - Cosine	Demonstrates little or no knowledge of how to create a cosine equation for data	Demonstrates a limited knowledge of how to create a cosine equation for data	Demonstrates a general knowledge of how to create a cosine equation for data	Demonstrates a clear knowledge of how to create a cosine equation for data	
Math Content - Sine	Demonstrates little or no knowledge of how to create a sine equation for data	Demonstrates a limited knowledge of how to create a sine equation for data	Demonstrates a general knowledge of how to create a sine equation for data	Demonstrates a clear knowledge of how to create a sine equation for data	
Math Communication	Inaccurately communicates solutions to problem and concepts	Limited communication of solutions to problems and concepts	Satisfactorily communicates solutions to problems and concepts	Accurately communicates solutions to problems and concepts	
Use of Mathematical Terminology	No mathematical terminology is used or attempted	Some mathematical terminology is presented but not used correctly	Mathematical terminology is correctly used	Mathematical terminology is prevalent and used correctly.	
Neatness and Organization	Work appears sloppy and unorganized	Work is presented in an organized fashion but may be difficult to read	Work is presented in a neat and organized fashion that is usually easy to read	Work is presented in a neat, clear, organized fashion that is easy to read	
				Total:	

Group Members: _____
