GastroWorld Amusement Park Challenge

Dear Anatomy & Physiology students,

 My company, Dace & Dace LLC, is embarking on a new era in the theme park industry. Gone are the days of cartoon-inspired rides and park themes! We are in the process of planning an entire Human Body theme park. I am willing to pay the winning team a million gazillion dollars (and candy) for their design.

Here are the requirements:

* Each member of the team must design at least 2 attractions (although they can do more)
* You need at least 10 attractions
* Your group will create two things to turn in:
	+ design portfolio
	+ 3D theme park model
* Design Portfolio
	+ A cover that has the name of the theme park, the names of the design team, pictures
	+ Page 1: an introduction to the theme park: states the park’s purpose and provides a general overview of the attractions. It also includes why this team has the best design compared to their competitors
	+ The following pages need to describe each of the attractions
		- What to include in description
			* A colored drawing or picture of the attraction
			* A complete description
				+ How does the attraction operate?
				+ Why did you design it the way you did?
				+ What are its unique features and how does it educate the park guest on the digestive system?
				+ Which part of the digestive tract does it represent?

Describe the organ/part in detail

Where is it located in the body

What does this organ do in the digestive system? Describe its physiology.

Describe some interesting facts about this organ/part.

* + - * Include as much detail about the attraction and the organ/part it is based on.
			* The portfolio is 65% of the grade. Make sure it is complete and looks professional when you turn it in!
* The model of the park
	+ The model should be large enough to show all the attractions as well as entrances, landscaping, walkways, lanes, parking
	+ Make individual attractions large enough so that their structures can be seen
	+ Include aspects of the theme park like benches, fountains, signs, ticket and concession stands
	+ If an attraction is inside a structure the model of the structure should be partially cut away so that the interior can be seen
	+ Use any materials that will make the entire display solid and sturdy enough to move around without falling apart
	+ You may use legos, tinker toys and parts as building blocks to help create your attractions. However, you may not use a toy rollercoaster

Start brining in craft supplies and brainstorming with your group on fun attractions and games for your park.

See the attached rubric

Deadline: Wednesday, April 20th

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| **GastroWorld Rubric** **Appearance Scientific Accuracy Organization /content**

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| **30** Stunning. Each attraction is depicted in rich, colorful and striking detail. Portfolio is done with outstanding precision. | Superior. Descriptions of all attractions are richly detailed and leave no doubt about their purpose. | Extraordinary. Scientific aspects of digestion are completely accurate and precisely explained for all attractions |
| **17**  Suitable. At least six attractions are shown in rich, colorful and striking detail. Portfolio is done with precision. | Adequate. Most descriptions of attractions are detailed and clear as to their purposes. | Satisfactory. Scientific aspects of digestion are completely accurate and precisely explained for at least six attractions. |
| **9**  Somewhat suitable. At least four attractions are shown in rich, colorful and striking detail. Portfolio shows some precision. | Mostly satisfactory. At least half of the descriptions are detailed and clear. | Mostly adequate. Scientific aspects of digestion are completely accurate and precisely explained for at least half of the attractions. |
| **5** Deficient. Less than four attractions are shown in neat, colorful and striking detail. Portfolio shows little precision. | Unsatisfactory. Less than half of the descriptions are detailed and clear. | Insufficient. Scientific aspects of digestion are completely accurate and precisely explained for less than half of the attractions |
| **1**  Portfolio and Illustrations lack so much as to be useless. | Descriptions lack so much as to be essentially useless. | Scientific aspects are mostly inaccurate and unexplained |

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