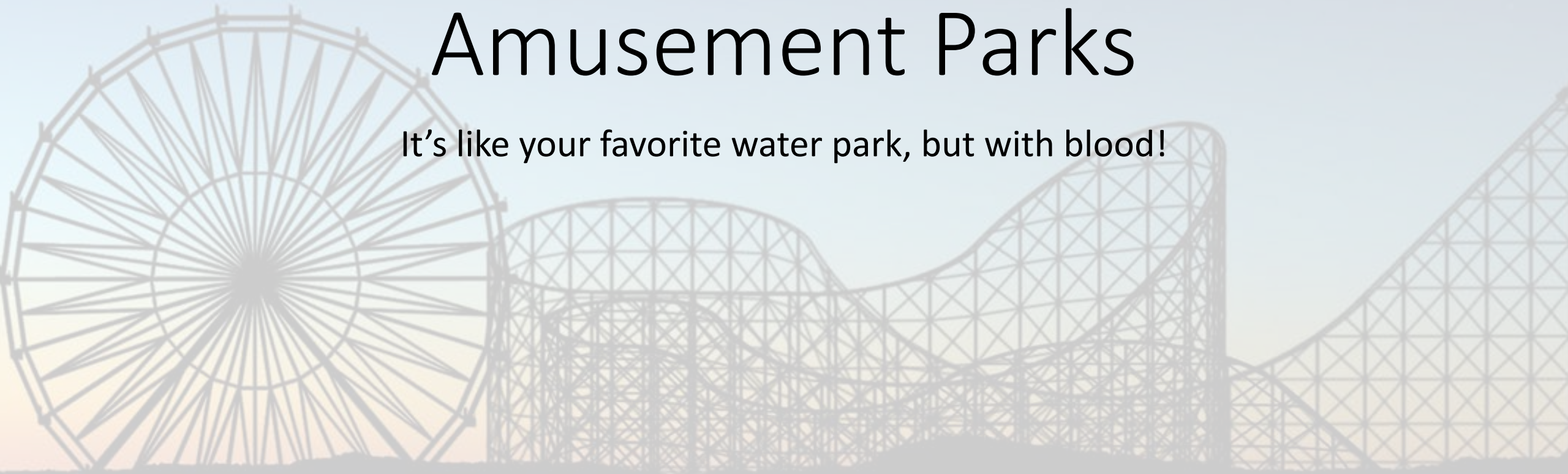# Body System Amusement Parks

It's like your favorite water park, but with blood!

Who we are and what we want

- A local, highly wealthy investment firm specializing in unique amusement parks is looking to you for help

- They are now accepting proposals for a new $150 million amusement park in your town based on the human body

- Your team will create a 3D scale model of your proposed amusement park, as well as a presentation explaining each attraction within the park
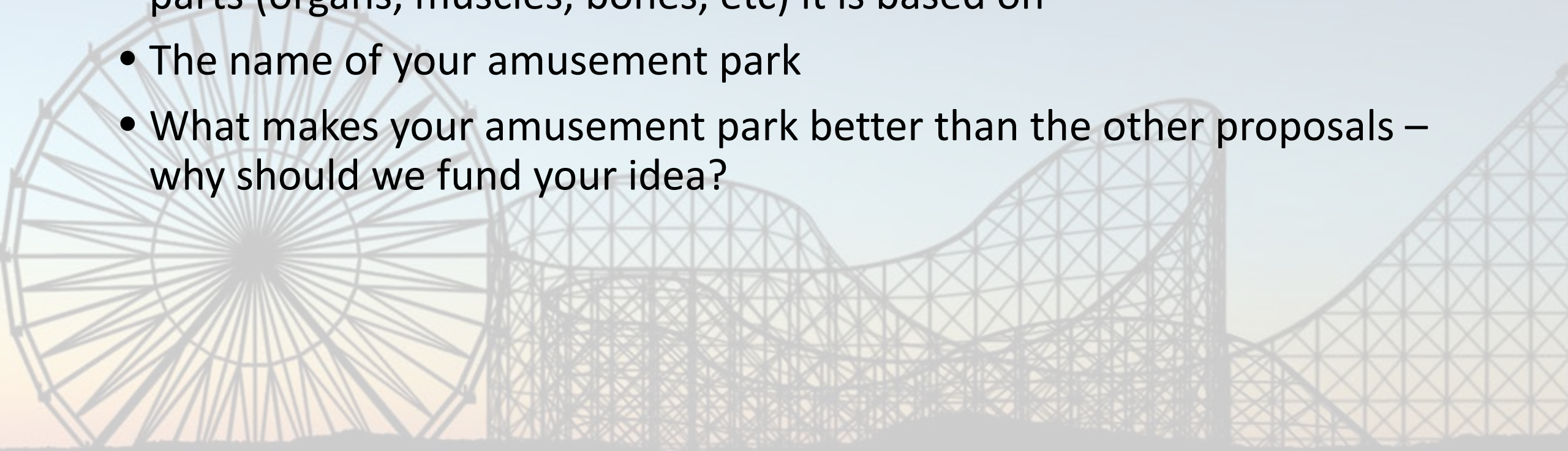
Your scale model must include:

- At least five total attractions (rides, concession stands, games, etc) representing at least five of these body systems:
  - Circulatory system
  - Respiratory system
  - Nervous system
  - Digestive system
  - Muscular system
  - Skeletal
- Park entrance, a ticket booth, walkways, and signs for each attraction
- *Optional:* trees and bushes, fountains, parking lot, other elements commonly found in amusement parks

Your presentation must include:

- A name for each attraction, as well as a description (at least three sentences) that describes how it relates to the body system and body parts (organs, muscles, bones, etc) it is based on

- The name of your amusement park

- What makes your amusement park better than the other proposals – why should we fund your idea?

Attraction Ideas

- Roller coaster
- Carousel
- Bumper cars
- Ferris Wheel
- Water slide
- Funhouse
- Cable cars
- Hot Shot
- Whac-a-Mole

Grading rubric

	Developing (5 pt)	Proficient (8pt)	Advanced (10pt)
Scale model execution	• Fewer than five attractions • Missing some park elements	• At least five attractions • All required park elements	• More than five attractions • All required park elements • At least two optional elements
PowerPoint execution	• Missing names or descriptions • Descriptions are too short • Poor design • Argument for being the best is unpersuasive	• Names and descriptions for each attraction • Good design • Decent persuasive argument for being the best	• Names and descriptions for each attraction • Professional design • Excellent persuasive argument for being the best
Scientific relevance and accuracy	• Little connection to body parts and systems • Does not demonstrate understanding of all five body systems	• Good connections to body parts and systems • Demonstrates understanding of all five body systems	• Strong connections to body parts and systems • Demonstrates deep understanding of all five body systems
Creativity	• Attractions all seem similar • Names are not related to the attractions	• Each attraction is distinct • Names are relevant to the attraction	• Each attraction is distinct and seems like fun • Names are relevant and humorous

Instructions (within your teams)

- Discuss amusement parks you've been to, and different types of attractions you've seen

- For each body system, brainstorm a few attraction ideas that could go in your amusement park. Attractions can represent one or more component within that system.

- Decide which attractions you want in your amusement park based on available materials and creating a variety of attractions

- Begin building your amusement park! Don't forget to save enough time to create a professional presentation.