


Far West Texas TSA **Tech Day 2024**
Stop Motion Challenge

Eligibility

Two (2) teams of two to four (2-4) members per chapter may participate.

Time Limits

1.5 Hour Competition

Procedure

Students will have 1 hour to use an ipad or their cell phone (Stopmotion app pre installed before Tech Day) to explain and demonstrate 1 of 3 Newton's Laws of Motion. Each team will be provided with a backdrop, box of miscellaneous items to use as props, and construction paper, scissors, tape for their video

Regulations

- 2-4 students per team
- May not leave the room
- Minimum of 30 seconds long
- Min of 150 images; Max of 350 images
- Must include background music and text to explain law

Evaluation

Tech Day-Newton's Challenge			
Students will use an ipad or their cell phone (Stopmotion app pre-installed before Tech Day) to explain and demonstrate 1 of 3 Newton's Laws of Motion. Each team will be provided with a backdrop, box of miscellaneous items to use as props, and construction paper, scissors, tape for their video. Guidelines: Minimum of 30 seconds long. Min of 150 images; Max of 350 images. Must include background music and text to explain selected law. 1 hour deadline. Creativity is worth up to 30 points!!			
	Proficient: 11-14 points	Emerging: 6-10 pts	Beginning: 1-5 pts
Title includes selected law	1st, 2nd, or 3rd Law of Motion is mentioned in the title	Included a title but didn't specify which law	No title
Background music	Music is appropriate and aligned to demonstration	Music is included but doesn't align to video	No music
Text is used to CLEARLY explain concept	Text is used and CLEARLY explains the concept.	Text is used but doesn't explain the concept in-depth	No text
Video is at least 30 seconds long	Video is at least 30 seconds	Video is between 20-29 seconds	Video is less than 20 seconds
Images-Min 150 to Max 350. Hint: The more images, the better the video quality.	Video contains 150-350 images	Video is between 100-149 images	Video is less than 100 images
Creative idea-This category is worth up to 30 points!!!	Demonstration idea was VERY creative and applied to a real world problem from one of the following: driving, earth natural disaster (ex: earthquake), or sports (not football).	Demonstration idea was somewhat creative or it wasn't applied to a real world context.	Demonstration idea was not very creative

Materials needed

- ipad/phone with "Stopmotion" app
- Box of props
- Backdrop
- Construction paper, scissors, tape
- Creativeminds!!!