

## FINAL ACTIVITY ANSWER KEY

**Congratulations on completing the Houston Texans Stats Challenge presented by Schlumberger! There's just one activity left and this one is for a chance to win prizes!**

**Teachers, please see contest rules for specific information on how your students could win prizes.**

Create a video to share with your favorite member of the Houston Texans organization about your experience with the Houston Texans Stats Challenge. In your video include an explanation of the mathematics you learned and a description of how the Stats Challenge impacted your learning. In your explanation remember to show your understanding of the mathematical concepts and use correct mathematical vocabulary.

Your video will be graded by your teacher using the following rubric. Use the rubric to guide your video creation and make any revisions necessary before submitting your video.

CATEGORY	EXPERT	PROFICIENT	DEVELOPING	NOVICE
Mathematical Concepts	The explanation shows complete understanding of the mathematics in the challenge. <b>50 POINTS</b>	The explanation shows understanding of most of the mathematics in the challenge. <b>40 POINTS</b>	The explanation shows some understanding of the mathematics in the challenge. <b>30 POINTS</b>	The explanation shows limited understanding of the mathematics in the challenge. <b>20 POINTS</b>
Mathematical Vocabulary	Accurate vocabulary is used throughout the explanation. <b>16 POINTS</b>	Accurate vocabulary is used in most of the explanation. <b>12 POINTS</b>	Accurate vocabulary is sometimes used in the explanation. <b>8 POINTS</b>	Accurate vocabulary is rarely used in the explanation. <b>4 POINTS</b>
Mathematical Exploration	The explanation is detailed and clear. <b>16 POINTS</b>	The explanation is clear and has some details. <b>12 POINTS</b>	The explanation includes some details and is not clear. <b>8 POINTS</b>	The explanation includes few or no details and is not clear. <b>4 POINTS</b>
Ideas	The ideas expressed are clear and organized. The video is easy to follow and makes a clear point. <b>10 POINTS</b>	The ideas expressed are clear. The video has some organization to the ideas. <b>8 POINTS</b>	The ideas expressed are not fully developed. The video was difficult to follow and would benefit from more organization. <b>6 POINTS</b>	The ideas are not clear and are unorganized. The video was difficult to follow. <b>4 POINTS</b>
Video Format	The video includes a greeting, a closing, and the speaking is clear and easy to follow. <b>8 POINTS</b>	The video includes a greeting, a closing, and the speaking is mostly easy to follow. <b>6 POINTS</b>	The video is missing a greeting or a closing. The speaking is hard to follow in some places. <b>4 POINTS</b>	The video is missing a greeting and a closing. The speaking is difficult to follow. <b>2 POINTS</b>