

M111 Class Summary for Pre-Post Badge Tasks

PRE-BADGE TASK

1. How many students participated in the Pre-Badge Task? _____
2. Record the percentage of students in each category for the Pre-Badge Task.

Question/Look For	Blank or similar	Emerging	Approaching	Meeting
(1) The purpose of this prompt is to immerse students in the context of the prompts that follow. This question is not analyzed.				
(2) Student describes why both questions are statistical questions.				
(3) Student calculates a reasonable estimate (~20%) for the proportion of teens who get less than 9 hours of sleep.				
4) Student offers a reasonable estimate using a measure of center (<i>mean or median</i>) and offers an explanation why median is more appropriate. Student offers a reasonable estimate for variance (<i>Std. Dev or IQR</i>).				
(5) Student offers reasonable feedback to improve the study relative to the question about students' typical sleep habits (e.g. larger sample size, extend beyond one night, etc.)				

POST-BADGE TASK

1. How many students participated in the Post-Badge Task? _____
2. Record the percentage of students in each category for the Post-Badge Task.

Question/Look For	Blank or similar	Emerging	Approaching	Meeting
(1) The purpose of this prompt is to immerse students in the context of the prompts that follow. This question is not analyzed.				
(2) Student describes why both questions are statistical questions.				
(3) Student calculates a reasonable estimate (~20%) for the proportion of teens who get less than 9 hours of sleep.				
4) Student offers a reasonable estimate using a measure of center (<i>mean or median</i>) and offers an explanation why median is more appropriate. Student offers a reasonable estimate for variance (<i>Std. Dev or IQR</i>).				
(5) Student offers reasonable feedback to improve the study relative to the question about students' typical sleep habits (e.g. larger sample size, extend beyond one night, etc.)				