



Conduct a Statistical Experiment to Investigate a Situation

Achieved	Merit	Excellence
Conduct an experiment to investigate a situation using statistical methods.	Conduct an experiment to investigate a situation using statistical methods, with justification.	Conduct an experiment to investigate a situation using statistical methods, with statistical insight.
<u>Justification</u> - Linking components of the i supporting findings with evidence from the	· · ·	ning relevant considerations, and
Statistical Insight - Integrating statistical at variation, considering other relevant varia		ecting on the process, discussing
The Investigation Process		
The processes in this standard are re	elated to:	
☐ Plan the experiment by: ☐ Determining approp	and measures. asures.	
Problems		
Situations set in real-life or statistical investigative concepts and methods	al contexts that provide opportunities to a	pply knowledge or understanding of
Key Vocabulary		
Students are expected to understan	d and use terms related to investigative m	ethods, such as:
ExperimentVariableMeasure		easure onclusion