

ACT College Readiness Standards and WorkKeys Skills for SCIENCE

Predicted PSAE Status	<i>Skills needed to move to next level</i>
Academic Warning	<ul style="list-style-type: none"> • Select two or more pieces of data from a simple data presentation. • Find basic information in a brief body of text. • Determine how the value of one variable changes as the value of another variable changes. • Understand the methods and tools used in a simple experiment.
Below	<ul style="list-style-type: none"> • Select data from a complex data presentation. • Compare or combine data from a simple data presentation. • Translate information into a table, graph, or diagram. • Understand the methods and tools used in a moderately complex experiment. • Identify a control in an experiment. • Select a simple hypothesis, predictions, or conclusion that is supported by a data presentation of a model.
Meets	<ul style="list-style-type: none"> • Compare or combine data from two or more simple data presentations. • Interpolate between data points in a table or graph. • Identify and use a linear mathematical relationship between data. • Understand the methods and tools used in a complex experiment. • Predict the results of an additional trial or measurement in an experiment. • Determine whether given information supports or contradicts a simple hypothesis or conclusion and why. • Identify strengths and weaknesses in one or more models. • Determine which models are supported by weakened by new information.
Exceeds	