

Science Curriculum Checklist for Students

Shadow Tracking	Advanced	Proficient	Basic	Below Basic
The student was able to determine that the Sun rises in the east and sets in the west.				
The student was able to observe and record the path the Sun takes in the sky.				
The student was able to observe that the Sun changes position in the sky from season to season.				
The student was able to observe that shadows are the areas of darkness created when a solid object blocks light.				
The student was able to observe and collect shadow data created when sunlight is blocked by the body.				
The student was able to analyze shadow data to develop a logical conclusion and explain that the Sun moves across the sky during the day.				
The student was able to use shadow data to predict the position of the Sun in the sky.				
The student was able to observe that shadows on Earth depend on the position of the Sun in the sky.				
The student was able to understand that seasons affect the exact path the Sun takes in the sky.				