



# sunbeams shadow experiment

## Task

stand in the middle of the playground with your back to the sun and ask a friend to draw around your shadow with a piece of chalk. measure the length of your shadow at different times during the day. Record your findings in the chart below.

## Data

time	length of your shadow (cm or footsteps)	longer or shorter than previous shadow

## Result

What have you found?

## Explanation

Try to explain your results by saying why this happened.

shadows are longer when the sun is?

higher      lower