

Physics

Delprov A3

engelsk version

Årskurs

9

Elevens namn och klass/grupp

Planning a systematic investigation in physics

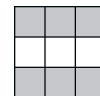
How much heat radiation do different colours absorb?

Different colours absorb different amount of heat radiation from the sun. The Sweden national football team have decided to change shirts. The national team sometimes play in countries where the temperature might exceed 40 °C. There is a concern how the heat might effect the players. Therefore it is a discussion, for example, about the colour of the shirts.



You have a beaker with water as a model for a human body. You have also access to blue, yellow, and white fabric.

13. Your task is to plan an investigation where you find out if it is the blue, yellow, or white fabric that absorbs the least amount of heat radiation from a lamp.





Institutionen för tillämpad utbildningsvetenskap