



Goerudio

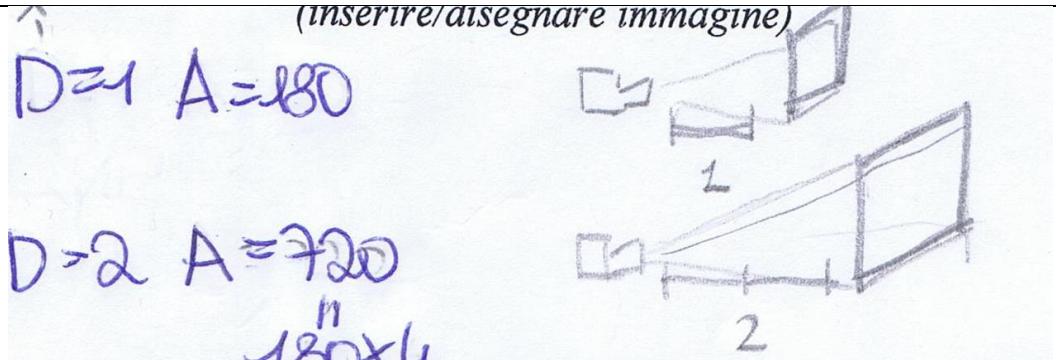
543223-LLP-1-2013-1-LV-KA4- KA4MP

Name, surname: S.M.M..... Class III BACC

Subject: Maths School: IP "F. Datini", Prato

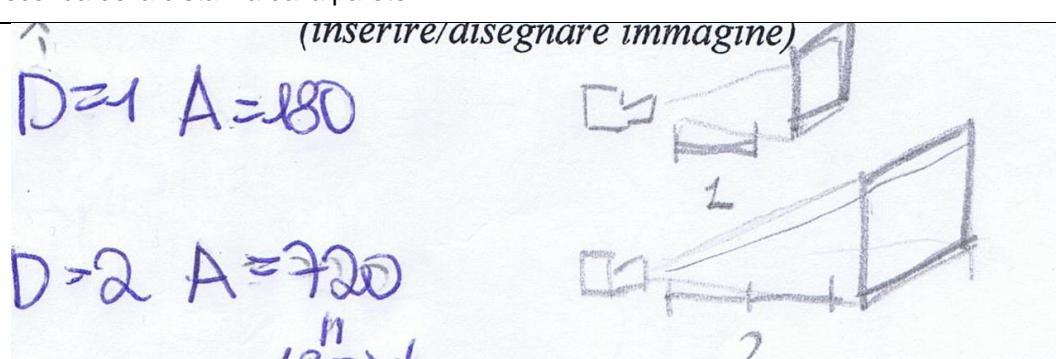
English Version

The model is an associative image which shows the comparison of some notion, process or phenomenon of science or mathematics with some every day or natural object, process or phenomenon.

Notion, process or phenomenon	Slide projector
Definition or explanation	A slide projector is an opto-mechanical device for showing photographic slides.
Model	<p style="text-align: center;"><i>(inserire/disegnare immagine)</i></p> 
Description of the model	If we point a projector on a wall we can see that the size of the illuminated area will vary will vary according to the distance of the projector to the wall. The connection between the illuminated area and the distance of the light source to the screen is the parabolic law. By doubling the the distance, the size of the illuminated area will be 4 times more than before.

Versione Italiana

Il modello è costituito da un'immagine che mette a confronto una nozione, un processo o un fenomeno scientifico o matematico con qualche oggetto, processo o fenomeno della vita di ogni giorno

Nozione processo o fenomeno	Proiettore
Definizione o spiegazione	Se proiettiamo una diapositiva su di una parete si vede la figura di un rettangolo che varia a seconda della distanza dalla parete.
Modello	<p style="text-align: center;"><i>(inserire/disegnare immagine)</i></p> 
Descrizione del modello	Raddoppiando la distanza si quadruplica l'area perchè segue la legge parabolica.



Lifelong
Learning
Programme

This project has been funded with support from the European Union.
This material reflects the views only of the author, and the Commission cannot be held responsible for any use which may be made of the information contained therein.