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Name, surname……..... Class … …..... Subject …….....

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	Blackbody
Definition or explanation	An ideal object that is a perfect absorber of light (hence the name since it would appear completely black if it were cold), and also a perfect emitter of light.
Model	
Description of the model	Blackbody could be compered to a sponge mop with a spungy mop head. With this spungy mop head it is possible to absorb all kinds of liquids, and after that rinse it all out and continue the cleaning.

Latviešu versija

Modelis ir asociatīvs tēls, kurš parāda kāda dabaszinātņu vai matemātikas jēdziena, procesa vai parādības līdzību ar kādu ikdienas dzīvē vai dabā novērojamu objektu, procesu vai parādību.

Jēdziens, process vai parādība	Absolūti melns ķermenis
Teorētiskais pamatojums	Ja ķermenis absorbē pilnīgi visu uz to krītošo starojumu neatkarīgi no ķermeņa temperatūras un starojuma viļņa garuma, tad šādu ķermeni sauc par **absolūti melnu ķermeni**. (Fizika 12.klasei; V.Bramka, I.Krūmiņš, P.Puķītis)
Modelis	

Lifelong Learning Programme

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Modeļa apraksts	Absolūti melno ķermeni varētu salīdzināt ar mazgājamo slotu, kurai galā ir gumijas sūklis (gumijas mops). Ar šo gumijas sūkli var uzmazgāt visāda veida šķidrums, pēc tam to var arī iztecināt (izstaro viļņa garumu) ārā un turpināt mazgāšanu.

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