



Goerudio

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

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	Load resistance
Definition or explanation	If the body works in external load, this body have internal tensions. If the tensions exceed the limit of strength of material, it breaks into small pieces.
Model	 <p>A cartoon hippo wearing a red and blue striped scarf is standing on a piece of blue ice. The ice has several jagged cracks in it. The hippo is looking down at the ice with a surprised expression. The word 'craaack' is written next to the hippo's foot, indicating the sound of the ice breaking. The background is white with faint, semi-transparent text 'ToonClips' repeated across it.</p> <p>Copyright © Ron Leishman * <a href="http://ToonClips.com/5776">http://ToonClips.com/5776</a></p>
Description of the model	It could be compared to animal on the brittle ice. Ice strength depends on animal weight. If ice does not pass the burden of him, it will crack and break into pieces.

### 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.

Jēdzines, process vai parādība	Slodzes izturība
Teorētiskais pamatojums	Ja uz ķermenī darbojas ārējā slodze, šajā ķermenī rodas iekšējie spriegumi. Ja spriegumi pārsniedz materiāla stiprības robežu, tas sadalās mazos gabalos.



Lifelong Learning Programme

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Modelis



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Modeļa apraksts	To varētu salīdzināt ar smagu dzīvnieku uz trausla ledus. Ledus stiprība ir atkarīga no dzīvnieka svara. Ja ledus neiztur viņa radīto slogu, tas saplaisā un salūzt gabalos.
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