

The description of the model

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

1. Theoretical basis

- Choose a notion, process or phenomenon whose model you will form !
- Look up its definition or explanation in the course book or other source of information !

Notion , process or phenomenon	Definition or explanation
Brownian motion	Brownian motion defines the random movement of microscopic particles suspended in a liquid or gas, caused by the collision with molecules from the surrounding medium.

2. and its description

- Choose some everyday , natural or other object , process or phenomenon which , in your opinion , reflects best the scientific/mathematical notion, process or phenomenon chosen in Step 1 of the worksheet!
- Find the image of this object, process or phenomenon or draw it yourself !
- Take into account that the drawing or the image should be easily perceptible , simple and without unnecessary details which could disturb to see the main idea of the drawing or the image !
- Draw or place the image of your chosen object, process or phenomenon into the necessary column !
- Give proof where you see the associations (similarities) between the scientific/mathematical notion, process or phenomenon and the everyday or natural one! Describe your proof into the corresponding column of the table !

Description of the model	Model
<p>We can say that Brownian motion is like traffic in a big city. The cars (like the particles) move chaotically under the influence of time or stress (these are similar with the molecules of the surrounding medium that collide with the particles).</p>	