

## Related concepts in design

Related concept	Definition
<b>Adaptation</b>	Adaptation involves incorporating ideas found in one product into the development of a new product.
<b>Collaboration</b>	Collaboration involves two or more people sharing expertise and experience, working together to solve a problem and realize shared goals.
<b>Ergonomics</b>	Ergonomics is the application of scientific information and understanding of how humans relate to products, systems, interfaces and environments.
<b>Evaluation</b>	In design, evaluation involves the gathering and processing of data to determine an action. Evaluation involves feedback, which can be used to control, revise or modify.
<b>Form</b>	Form concerns the overall shape and configuration of a product. It relates to aspects such as aesthetics, shape, colour and texture.
<b>Function</b>	The function of a solution refers to what it has been designed to do and how effective it is at enabling that action to be performed.
<b>Innovation</b>	Innovation is the successful diffusion of an invention into the marketplace.
<b>Invention</b>	An invention is an entirely novel product or a feature of a product that is unique.
<b>Markets and trends</b>	Markets can be considered as sectors and segments comprised of groups of individuals with similar needs. Trends involve short- and long-term patterns of consumer behaviour.
<b>Perspective</b>	Perspective relates to the point of view of various stakeholders involved in solving a problem. Stakeholders can have different perspectives and can include clients, target audiences, focus groups, consumers, manufacturers and experts.
<b>Resources</b>	Resources relate to the supply of a commodity. In MYP design, these commodities can be classified as information, materials and equipment.
<b>Sustainability</b>	<p>Sustainability is the capacity to endure, which can have environmental, economic and social dimensions. In MYP design, sustainability can be considered in the following ways.</p> <ul style="list-style-type: none"> <li>• Green and Eco-design</li> <li>• Sustainable consumption</li> <li>• Sustainable design</li> <li>• Sustainable development</li> <li>• Sustainable innovation</li> <li>• Sustainable production</li> </ul>