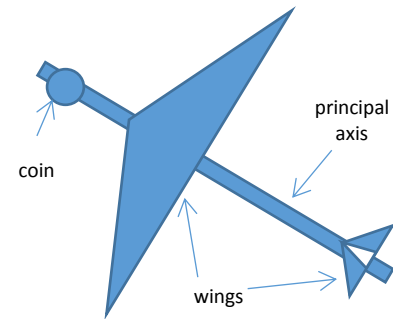


Learning Technology through Project Learning at the Primary Level

Key Stage: 1 and 2

In General Studies lessons, Primary 2 students work on a small group project to design and make a toy airplane. They are required to assemble and test various materials so as to create an airplane with the highest stability/longest flight distance. Through the project, students develop an understanding of the properties of different materials and their applications (light/heavy/solid/hollow)



Primary 6 students can take a step further by designing the wing shape for a streamlined airplane so as to reduce air friction when flying, and by changing the wing position along the principal axis to achieve “force-balance”. Through this simple inquiry activity, students develop an understanding of the relationship between the shape of an airplane and its flight characteristics via application of the design cycle.