MakerBot Sketch

For printing of 3D models in plastic, MakerBot Sketch is the easiest to use and most reliable 3D printer for the classroom. Unlock students' creative potential with accessible 3D printing merged with project-based learning.

Important things to know:

There is an associated cost with printing 3D objects based on the amount of printing filament that is used of $1.00 per gram (rounded up). You will be charged for filament usage for incomplete or partial prints. The estimated usage is available before printing.

The time for a 3D print to complete can be very lengthy depending on size, quality and how solid the object is. A print may take several hours and should be monitored during the process. An estimated print time is available before printing and printing can be monitored remotely through the CloudPrint website.

To print a 3D object you need to consider several settings such as rotation of the object, raft and support structures as well as infill. Only PLA filament is available at present in the following colours; grey, green, red, blue and yellow. Only 1 colour can be used per print job. Print jobs should be manually split into separate parts for multiple colours or larger prints.