



# TIP — 3D Toy Factory Chess Game

**Problem** — Develop a corporate identity, website, and marketing materials for an online toy factory. The toy factory will use 3D printers to manufacture unique chess sets, game pieces, and action figures. Using technology tools of your choice create 3D designs from each category that can be printed and used in your marketing. Research 3D printers and make a selection of the printer(s) you will use in your factory. Create an informational document/presentation on how the printer(s) operate and the costs associated with the printer(s). How much does it cost to purchase the printer(s) and how much are the supplies to run the printer(s). Also think about how much you might charge someone for the individual design files you create. The individual design files could be sold to someone so they could print your designs on their own 3D printer. Create an online storefront of design files along with the price per download. Create a timeline of your progress through this problem.

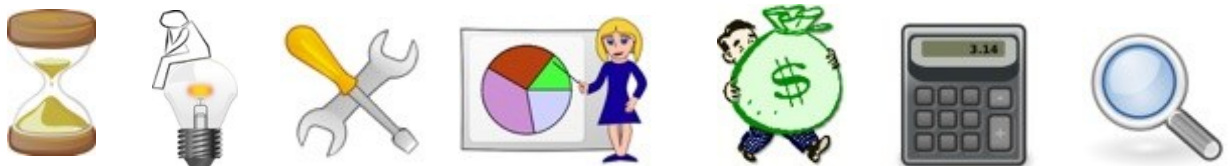
## Products Needed to be Created to Solve the Problem



## Technology Tools Needed to Solve the Problem and Create the Products



## Skills That will be Strengthened While Working Through the Problem



## Collaborators



## Evaluations for Products and Skills

