

# Inventions and Innovations

Students explore inventions and innovations and explain how they relate to the development of new products, processes and systems. After studying these developments, they explore contemporary technological problems facing them, their community or the world and apply systematic procedures to invent new products or innovations as solutions, applying the design process. Students construct a model or a prototype and evaluate the model through assessment or the prototype through testing.

**School Level:** Middle School

**Grade:** 7

**Length:** one semester

**Program:** Technology Education