STEAM Challenges

**Term One**

* Design and build a pinball machine that follows a specific theme
* Design and build a machine from the Medieval/Renaissance time period (e.g. a trebuchet)
* Design and build a greenhouse that could be used by different classes at Eldorado
* Brainstorm ideas of something that is needed at Eldorado that you could design and build to benefit the school community.

<http://connex.stao.ca/expert-elements/inquiry/grade-8>

<http://connex.stao.ca/expert-elements/inquiry/grade-7>

**Term Two: Survivor Challenges**

* Build a maze that has players using hydraulics to navigate to the end**.** Your team will design and build a prop that will transform in the maze and a way to remove the ball when you reach the end to put it back in the start position.
* Survivor Games