

Cardboard Innovation

Junior Inventors Name: _____

Cardboard Innovation
Create your own arcade game out of cardboard!

What cool arcade game can you create. After becoming knowledge about arcade games your next step is to plan your game. Think about the objective of the game. What do you need to do to win? Below plan out your ideas by drawing the game and describing the game.

Draw

Describe

Junior Inventors activity sheet © Skoolbo 2015

Aim: Work cooperatively to create a working game using cardboard.

Provocation: Brainstorm a number of indoor games people have enjoyed playing before the invention of computer games. Together view and discuss a classic board game such as Monopoly or one with moving parts such as Hungry Hippo. Talk about what makes a good game. Identify how sometimes a simple idea is the best.

Article and Video Together read through the article, Cardboard Innovation, and watch the first video to learn about Caine’s ideas for a cardboard arcade.

Introduce a design cycle. The IBO MYP design cycle is a good example. Talk through the different stages of developing a game.

Video: Watch the second video to see how children around the world began creating and sharing their own cardboard games with Caine.

Work cooperatively: In small groups, students can investigate the type of arcade game to make by re-researching games of the past and reflecting on the games seen in the two videos.

Activity Sheet: Students can individually plan their ideas for a cardboard arcade game and then share with their group. Together they can select their preferred ideas and be ready to work on their final design on a second sheet including the resources needed and labelling their design to add detail.



Create: Students will need to collect the items needed for their game and begin creating.

Evaluate: The group can enjoy testing their game and evaluating it to see if they can improve the playability of the game.

Share: Groups share their game with others and reflect on both the process and the product.