Design and Make a Crazy Golf Course

This activity can be used by students of all class levels. It can also be used by students in a wide variety of school and distance learning contexts. The Design and Make process of the Primary Science Curriculum should be used so students become comfortable using the Engineering Design Process (EDP). Areas of the Maths & Science Curriculum can also be incorporated.

Maths: Number (Counting, Operations), Algebra (Directed Number), Shape & Space (2D/3D Shapes, Symmetry, Lines & Angles), Measures (Length, Area, Time), Data (Chance, Representing & Interpreting Data)

Science: Living Things (Human Life), Energy & Forces (Sound, Heat, Forces), Materials (Properties & Characteristics), Environmental Awareness & Care (Science & the Environment, Caring for the Environment)

Explore:

- Images and videos of golf can be shared and discussed with students
- Examine the different kinds of shots, swings, clubs used, hazards (see maths and science eyes activity card)
- Explore the possible use of clean recyclable materials as well as other materials or equipment from the home (e.g. socks, cushions, chairs) that could be used as equipment or hazards

Design

- Draw a labelled diagram of your indoor golf course
- How many holes? How many hazards will be included? How big will the course be?

Make

- As children assemble their course, they could take photos of the step by step process of the making
- These photos can be used again if they have to tidy up their course and want to reassemble it again with modifications

Evaluate

- What worked really well on your course?
- Is there anything you would do differently the next time?

References

https://www.sciencebuddies.org/stem-activities/mini-golf-physics#instructions
https://www.thecrafttrain.com/tin-can-indoor-golf-fun-from-recycled-junk/

Hole 1 -The Tunnel

Hole 2 -The Chair Bridge

Hole 3 - Reading Corner

Hole 4 - Water Feature

Hole 5- Teddy Corner