

Airborne Football



Can your team engineer a "foot" for your mini cargo drone to 'shoot' or 'dribble' a foam ball into your goal? Write some code so that the drone dribbles or shoots the ball into the goal.

You Need

- Travis or Mars minidrone (they both do the same thing)



- An iPad with Tickle or Tynker app



- A meter stick, masking tape, shoe boxes or mini goals, small football, LEGO or random modelling materials.

Your Task

Your team's task is to push, or in some way navigate, your ball using your engineered foot into your goal

Design, and build a prototype foot for your cargo drone that will dribble the ball into a goal over a distance of 2 metres.

Then program your drone (with Tynker or Tickle) to score a goal. Maybe add a crowd cheering sound into your code?

