

# Power Mass Lifter

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How much mass can your mini cargo drone lift?

Look out Amazon Prime, here comes our special delivery service! How much mass can your cargo drone carry before it can't take off any more?

## You Need

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



- An iPad with Tickle or Tynker app



- A supply of LEGO bricks, a metre stick and a table top.

## Your Task

Fix Lego bricks of any size (you set the rules) to your Parrot mini cargo drone. Your drone must fly up to and land on a table and transport its load over a distance of 1 metre. Continue adding bricks to your drone until the drone can no longer accomplish its delivery. Take care not to add any bricks that interfere with the movement of the propellers. Weigh the final load; find the total mass of your cargo. Make sure it's a fair test!

