

COJO - Mission 5 - Tuesday 9th February 2021.

Task Mission: To use teamwork to drop the mail using the parachute at drop.

Brief: The team is now far away from home. It has been a long and difficult journey so far and morale is at an all-time low. Messages from home would really boost the struggling explorers. They're hoping that a mail drop will arrive any day!



↙ Parachute
mail drop

What you need: plastic bags, some string, a box, a letter, a bucket, sticky tape.

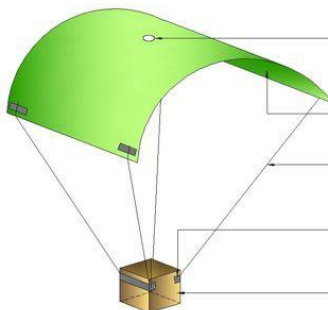
Action Plan: Calm and patience will be tested in this mission. Despite their desperation for news from home, they know their letters are en route. In this mission, they have the opportunity to finally hear from their loved ones.

What you need to do:

Explorers have to design a parachute which will safely deliver letters and parcels to them. You need to make sure that the letters dropped from the high altitude do not fall too fast as they can be damaged and they need to land in the desired area (a bucket)..

How to do it:

In a mission of dedication you will try to design a parachute from a plastic bag and 4 pieces of string that are attached to the letter and will safely deliver a letter into the bucket (drop area where the camp is). Once the letter is successfully in the bucket, you can open the letters from home around the camp fire. Look at the pictures with an example of a parachute made of a plastic bag.





Answer the following questions:

What shape of the parachute did you make?

What did you have to do to make your parachute stable?

Was a bigger parachute more effective than a small one?

Did you manage to deliver a parcel with your parachute?

Do you think it would be easier to make this parachute when being in a team? Why?
Why not?