



**Título *Title***

NUTRAY

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**Descripción *Description***

A product that promotes healthy eating, inclusivity and autonomy for the kids while eating in their schools. The product is a tray designed for kids from 6 to 12 years of age, kids with motor skill difficulties and kids who are visually impaired, offering an attractive way of eating while keeping in mind their different needs.

**Comentarios *Comments***

We based our design in different studies of portions, ideal materials and actually empathizing in how the experience of eating of a visually impaired would feel like in order to obtain a functional and inclusive design. The trays will also be stackable so to ease their collection and save space in the storage areas of the schools. Besides these design considerations, we also had in mind a way to provide different ways to eat easily and in a more autonomous way. For the visually impaired, simple tasks like eating and pouring can be extremely challenging. They cannot gauge the amount of food picked up with a spoon, and much uneaten food is usually left scattered around the plate. NuTray is designed with compartments that are the right size for each food group, featuring a food-safe silicone flap which indents inward to secure the spout for pouring. This way, the kid doesn't get surprised by what he's eating and can have an idea of what he will ingest.



Also, for the visually impaired, cutlery falling into a hot bowl of soup are the worst experiences to deal with without proper vision. Nutray has a set of cutlery that is ergonomically made for kids while including a shape at the end of the handles that will allow them to identify them without having their hands in the eating zone. They can also be hooked onto the sides of the plate to prevent them from slipping. As well, a detail of this tray that would help kids to manage their tray and move them along is the “click area” space for the cup. The tray comes with a cup of water that has a clicking mechanism so that it is secure and it won't fall off the tray.

### **Dimensiones *Dimensions***

25 cm x 46 cm x 4.5 cm

### **Materiales *Materials***

- Tray & cutlery handles: Avocado seed bioplastic. (This material is being used as a replacement of PET plastic: it is sustainable and recyclable and it is BPA free and food safe.)
- Cutlery: Stainless steel
- Flaps: Silicone (the accessibility mechanisms of our tray).

