

2021 3M Young Innovators Challenge



Fragile Freight Challenge

Materials list 2021

Permitted materials

- ▶ Wood including bamboo sticks, lollipop sticks, dowel or sheet
- ▶ Upcycled/recycled pulleys
- ▶ Upcycled/recycled wheels
- ▶ Cotton reels
- ▶ Retort or other stands
- ▶ Clamps
- ▶ Thin rope, string, wool or other thread
- ▶ Wire
- ▶ Foil, film or other similar sheet materials
- ▶ Paper clips, staples, split pins, glue guns, adhesive tape, glue or other similar connecting materials
- ▶ Plasticine®
- ▶ Recycled plastics including plastic sheets, straws, produce containers, bottles and bubble wrap
- ▶ Paper or cardboard in any form
- ▶ Fruit/vegetable or other produce containers
- ▶ Fabric bags or sacks
- ▶ Cotton wool
- ▶ K'Nex®
- ▶ Lego®
- ▶ Meccano®

Excluded materials

- ▶ Motors
- ▶ New commercial pulley systems

