

SOARING SUNDAY

TODAY'S CHALLENGE: TWIRLY HELICOPTERS

AGE GROUP: ALL AGES!

CHALLENGE

Create a helicopter, with blades, that when twirled between your hands can fly and land at least 10 feet away from you.

MATERIALS

- Smooth, straight stick or straw
- Paper, cardboard
- Tape or Glue & scissors
- String or Ribbon
- Measuring tape or ruler

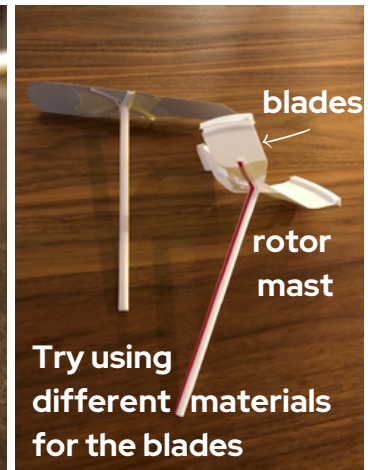
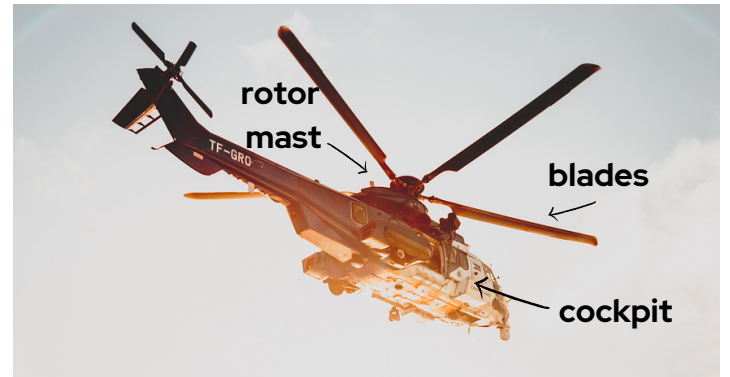
GUIDING QUESTIONS

- What can you do to **change how far** your helicopter flies?
- Does **changing the position or length** of the wings make a difference?

EXTENSION

Consider tying small items of various shapes & sizes to your helicopter to determine if it can carry weight (small stones, toys or leaves).

Make changes to your helicopter design!



SHARE YOUR PROJECTS WITH US:
#OregonSTEMWeek



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Plan - Draw your design

