

YARMOUTH COMMUNITY SERVICES

TUESDAY/THURSDAY CHALLENGE #4: EGG DROP

USING ONLY THE MATERIALS LISTED BELOW, YOU WILL HAVE 10 MINUTES TO CONSTRUCT A DEVICE TO KEEP AN EGG FROM BREAKING WHEN DROPPED. YOU CAN CONSTRUCT YOUR DEVICE ANY WAY YOU'D LIKE.

FOR THE FIRST DROP ATTEMPT, THE EGG MUST BE DROPPED AT 4 FEET. IF YOUR EGG SURVIVES THE DROP WITHOUT CRACKS, EACH ADDITIONAL ATTEMPT SHOULD BE MADE FROM ONE FOOT HIGHER THEN THE PREVIOUS ATTEMPT UNTIL THE EGG BREAKS OR YOU CAN NO LONGER ADMINISTER A DROP SAFELY. ALL DROPS SHOULD BE MADE WITH ADULT SUPERVISION.

MATERIALS: TWO PIECES OF 8 ½ X 11 COPY PAPER, SCISSORS, 6 PLASTIC STRAWS, 1 PAPER LUNCH BAG AND 12 INCHES OF MASKING TAPE.

CREATE A CONTEST NAME FOR YOURSELF AND SUBMIT A PICTURE OF YOUR DEVICE ALONG WITH YOUR RESULTS AND YOUR CURRENT GRADE TO MCARON@YARMOUTH.ME.US. WE'LL POST A LEADERBOARD WITH RESULTS.

— **FREE CONTEST!** —