

# YARMOUTH COMMUNITY SERVICES

## TUESDAY/THURSDAY CHALLENGE #1

BUILD A BOAT USING THE FOLLOWING SUPPLIES: FOUR STRAWS, ONE 12" LONG PIECE OF TIN FOIL AND TWO 7" PIECES OF MASKING TAPE. (YOU MAY NOT USE THE PLASTIC BAG AS PART OF YOUR DESIGN IF USING TE KITS PROVIDED BY YCS). YOU MAY CHOOSE TO CUT THE STRAWS. YOU WILL ALSO NEED A GOOD NUMBER OF PENNIES, NICKELS, QUARTERS AND DIMES.

KITS WITH NECESSARY SUPPLIES TO BUILD YOUR BOAT CAN BE PICKED UP OUTSIDE THE YCS OFFICE FROM 9:00 AM TO 4:30 PM ON THE DAY THE CHALLENGE IS POSTED.

AFTER YOU HAVE COLLECTED YOU SUPPLIES YOU HAVE TEN MINUTES TO BUILD YOUR BOAT. AFTER THE TEN MINUTES IS COMPLETE BRING YOUR BOAT TO A SINK FILLED WITH WATER. PLACING ONE COIN ON YOUR BOAT AT A TIME, HOW MANY COINS CAN YOUR BOAT HOLD? QUARTERS =10 POINTS EACH, NICKELS = 8.8 POINTS EACH, PENNIES = 4.5 POINTS EACH AND DIMES = 3.9 POINTS EACH.

IF YOU HAVEN'T ALREADY DONE SO, CREATE A CONTEST NAME FOR YOURSELF AND EMAIL A PICTURE OR VIDEO OF YOUR STRUCTURE WITH YOUR CONTEST NAME AND THE NUMBER OF PENNIES, NICKELS, DIMES AND QUARTERS YOUR STRUCTURE WAS ABLE TO HOLD BEFORE SINKING.

SEND RESULTS TO [MCARON@YARMOUTH.ME.US](mailto:MCARON@YARMOUTH.ME.US). WE'LL POST A LEADER BOARD WITH RESULTS AND PICTURES.

### **Supply List:**

- One - 12" long piece of tinfoil
- Two - 7" pieces of masking tape
- Four straws
- Pennies, nickels, dimes and quarters