



ALUMINUM FOIL BOAT COMPANION WORKSHEET

1. THERE IS NO ONE WAY TO BUILD A FOIL BOAT. GET CREATIVE AND DRAW THE DESIGN OF THE BOAT YOU WANT TO BUILD. MAKE SURE YOU ARE THINKING ABOUT A WAY TO HOLD THE MOST PENNIES POSSIBLE.

2. HOW MANY PENNIES DID YOUR BOAT HOLD?

3. DID YOU NOTICE ANY WEAK POINTS IN YOUR BOAT? HOW COULD YOU MAKE YOUR BOAT BUOYANT AND HOLD MORE PENNIES?

4. NOW TAKE WHAT YOU LEARNED FROM YOUR FIRST BOAT AND CREATE A NEW BOAT THAT FIXES THE PROBLEMS OF THE FIRST BOAT. DRAW YOUR NEW DESIGN BELOW.

5. HOW MANY PENNIES DID YOUR BOAT HOLD THIS TIME?

6. WHICH ONE OF YOUR BOATS WAS BUOYANT? WHY WAS IT MORE BUOYANT?
