TAKE & MAKERSPACE

WHAT YOU'LL NEED

















A MEASURING DEVICE



LET'S MAKE A CARDBOARD BOAT!

TURN THE PAGE TO GET STARTED!

FIRST SPRUCE, LET'S **GET TO WORK!**

ALL THE COMPONENTS FOR THE FRAME ARE ON YOUR

WITH A SOLID FRAME!

A SOLID BOAT STARTS

YOUR TAKE AND MAKE KIT

1. LET'S GRAB SPRUCE #1 FROM

3. GRAB ONE OF THE SPINE PARTS

YOU JUST CUT OFF.



DOWN ONE OF THE SLOTS ..AND SQUEEZE SOME HOT GLUE

6. FINALLY, SQUEEZE SOME GLUE IN BOTH OPEN SLOTS ON THE RIBS..



4. SLIDE ONE OF THE RIB PARTS INTO THAT SAME SLOT AND HOLD!

HOT GLUE COOLS DOWN!



5. REPEAT FOR THE OTHER RIB PART



7. ... THEN SLIDE THE SECOND SPINE INTO THE RIB SLOTS AND HOLD!



HERE AND THERE? NOW WOULD DOES YOUR FRAME NEED A HOT GLUE TOUCH UP BE A GOOD TIME TO ADD THEM!

OF YOUR BOAT IS COMPLETE, NOW THAT THE SKELETON LET'S GIVE IT A SHELL!

3. SQUEEZE HOT GLUE ON THE BOTTOM OF YOUR BOAT FRAME...

ALL THE PARTS SLOT RIGHT THE SHELL FOR YOUR BOAT **COMES IN TWO SPRUCES**

IN, BUT DIRECTION SOMETIMES BEFORE GLUING THINGS IN! MATTER SO BE CAREFUL



1. LET'S WORK WITH SPRUCE #2

2. JUST LIKE THE OTHER SPRUCE, **CUT OFF AND TRIM ALL THE PARTS**

BACK AND SIDE SHELLS



4. ...THEN SLIDE THE BOTTOM TABS INTO THE BOTTOM SHELL SLOTS



MAKE SURE THE OPEN TAB POINTS TO THE BACK OF YOUR BOAT

6. ...THEN WITH THE RIGHT SIDE OF THE FRAME AND THE SIDE SHELL!



5. REPEAT WITH THE BACK PART OF THE FRAME AND THE BACK SHELL..



CONGRATULATIONS, THE FIRST PART OF THE SHELL IS COMPLETE!



TAKE & MAKERSPACE

BUILDING THE BOAT SHELL - 2

JUST LIKE FOR THE FRAME, IF YOUR BOAT SHELL NEEDS HOT GLUE TOUCH UPS, NOT IS A GOOD TIME FOR THAT

FROM YOUR TAKE AND MAKE KIT!

FROM THE SPRUCE

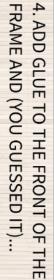
2. CUT OFF AND TRIM ALL THE PARTS

1. LET'S GRAB THE LAST SPRUCE

BOAT SHELL!



...AND SLIDE THE SECOND SIDE TABS





OF THE FRONT TABS



5. HOT GLUE THE BACK COVER IN PLACE AT THE BACK OF THE BOAT..



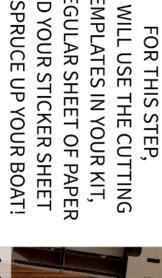
CONGRATULATIONS,
THE SHELL OF YOUR BOAT
IS COMPLETE!

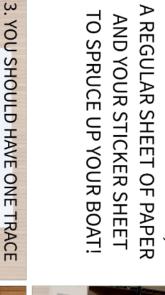
BUT IT LOOKS A LITTLE
BLAND...LET'S GIVE IT A
PAPER WRAP AND DECORATE IT
NEXT!



6. ... AND FINALLY, HOT GLUE THE FRONT COVER IN PLACE, RING OUT YOUR BOAT IS FINISHED! 7. CONGRATS, THE STRUCTURE OF

A REGULAR SHEET OF PAPER TO SPRUCE UP YOUR BOAT WE WILL USE THE CUTTING AND YOUR STICKER SHEET TEMPLATES IN YOUR KIT,





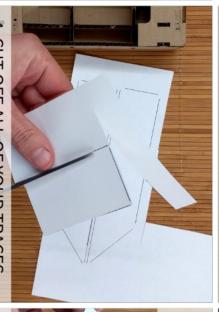
FOR THE FRONT AND BACK..



2. TRACE YOUR CUTTING TEMPLATES

ON THE SHEET OF PAPER...

AND A SHEET OF PAPER 1. GRAB YOUR CUTTING TEMPLATES



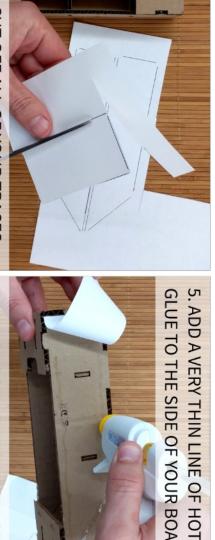
4. CUT OFF ALL OF YOUR TRACES (IT DOESN'T HAVE TO BE PERFECT

6. REPEAT FOR THE OTHER SIDE

SIDES OF YOUR BOAT!

...AND TWO TRACES FOR THE

THE BACK AND FRONT OF THE BOAT



GLUE TO THE SIDE OF YOUR BOAT..

PLACE ON TOP OF THE HOT GLUE! ...AND SMOOTH THE SIDE TRACE IN



7. GRAB YOUR STICKERS SHEET AND CUSTOMIZE YOUR BOAT!

AND STICKERS TO CUSTOMIZE YOUR BOAT, BUT YOU CAN WE HAVE USED PAPER ALSO ADD YOUR OWN SHARPIE DRAWINGS

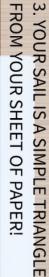
THE ONLY LIMIT IS YOUR **IMAGINATION!**

A NICE BOAT, WE NEED YOUR SAIL AND MAST TO HELP IT MOVE! THAT'S WHERE

NOW THAT WE HAVE

4 PIECES: 2 COFFEE STIRRERS, AND. 2. YOUR MAST WILL BE MADE UP OF

COME IN. LET'S PUT THEM TOGETHER!





BY AT LEAST 8" WIDE! IT SHOULD BE ABOUT 7.5" TALL

THE BOTTOM EDGE OF THE SAIL 6. GLUE A STIRRER CUTOUT ALONG

AND CENTER OF YOUR FRAME

7. FINALLY, GLUE YOUR MAST FRONT



UNDER IT, ALONG THE EDGE



5. FLIP YOUR SAIL AND REPEAT ON THE OTHER SIDE! BUT THIS TIME..

SHOULD BE ABOUT 3.5" LONG ...2 STIRRER CUTOUTS. THESE

...THEN GLUE A COFFEE STIRRER



AT THE TOP, THEN 3.5" MAST PIECE ...COFFEE STIRRER FIRST, STARTING



IT NEEDS TO BE AT LEAST 4" LONG TO HELP THE SAIL CATCH THE WIND!

FOLD THE SAIL ALONG THE MAST TO LINE IT UP WITH THE BOAT'S

> YOUR SAIL AND MAST CONGRATULATIONS. ARE COMPLETE!

HITTING THE WATER! WILL FLOAT WHEN **NEXT LET'S MAKE SURE YOUR BOAT**

WE WILL ALSO USE FISHING IN THIS STEP, WE'LL USE POOL NOODLES TO ADD FLOTATION TO YOUR BOAT...

RECOVER YOUR BOAT ANYTIME LINE TO MAKE SURE WE CAN



THE CENTER LINE OF THE BOAT LINE UP ITS EDGE JUST OFF

6. LET'S NOT FORGET TO TIE YOUR

FISHING LINE TO YOUR BOAT.





4. SQUEEZE GLUE ON THE OTHER



ALWAYS RECOVER YOUR BOAT! CHECK YOUR KNOTS, SO WE CAN

IF YOU LIKE, TEST YOUR BOAT IN A



YOUR BOAT IS FINISHED!

CONGRATULATIONS.

NOW PUT IT IN THE WATER AND SEE HOW IT DOES! YOU CAN ALSO CHECK YOUR PARKS AND REC MAP TO TEST IT ON A LOCAL LAKE!

2. SQUEEZE HOT GLUE ON THE EDGE OF A POOL NOODLE HALF...

1. GRAB YOUR POOL NOODLE AND