

Science "Recipe" Card

GROW A CRYSTAL ANGEL

RECIPE NAME

SUNDAY, NOVEMBER 29

DATE

PREP TIME: 15 MINUTES
WAITING TIME: 2-3 DAYS

TIME

LARGE BAG OF EPSOM SALTS
PAN WITH 3 CUPS WATER
SPOON
MASON JAR
CHENILLE STICKS

SUPPLIES

PROCEDURE

1. BRING PAN OF WATER TO BOIL ON A STOVETOP. ADD SALT AND STIR UNTIL CRYSTALS START TO FORM ON THE SURFACE OF THE WATER.
2. POUR THE SALT WATER INTO THE MASON JAR AND LET COOL.
3. HAVE YOUR CHILD FORM AN ANGEL OUT OF THE CHENILLE STICKS. STARS AND SNOWFLAKES ARE FUN TOO!
4. USE A PIECE OF THE CHENILLE STICK TO FORM A HANGER ON YOUR ORNAMENT.
5. SUSPEND THE ORNAMENT IN THE SALT WATER BY HOOKING THE HANGER OVER THE MOUTH OF THE JAR.
6. AFTER 2-3 DAYS, YOUR SALT CRYSTAL ORNAMENTS ARE READY! HANG THEM UP THEM UP IN A WINDOW OR ON YOUR CHRISTMAS TREE!

Science "Recipe" Card

RAINBOW IN A JAR

RECIPE NAME

SUNDAY, DECEMBER 6

DATE

15 MINUTES

TIME

3 PLASTIC CUPS
3 SPOONS
1/2 CUP MEASURE
1 TALL GLASS VASE OR JAR,
WITH A NARROW DIAMETER
1/2 CUP HONEY
1/2 CUP BLUE DISH SOAP
1/2 CUP WATER
1/2 CUP VEGETABLE OIL
1/2 CUP RUBBING ALCOHOL
RED, GREEN, & BLUE FOOD DYE

SUPPLIES

PROCEDURE

1. IN A PLASTIC CUP, MIX HONEY WITH APPROXIMATELY 1 DROP OF BLUE FOOD DYE FOR EVERY 5 DROPS OF RED FOOD DYE TO MAKE PURPLE.
2. POUR THE PURPLE HONEY MIXTURE INTO THE GLASS JAR.
3. NEXT, CAREFULLY POUR 1/2 CUP BLUE DISH SOAP IN THE GLASS JAR.
4. IN ANOTHER PLASTIC CUP, MIX WATER WITH 2-3 DROPS OF GREEN FOOD DYE.
5. POUR GREEN WATER IN THE GLASS JAR.
6. NEXT, POUR 1/2 CUP VEGETABLE OIL IN THE GLASS JAR.
7. IN A FINAL PLASTIC CUP, MIX RUBBING ALCOHOL WITH 2-3 DROPS RED FOOD DYE.
8. POUR THE RED RUBBING ALCOHOL IN THE GLASS JAR.

Science "Recipe" Card

SPAGHETTI BUILD CHALLENGE

RECIPE NAME

SUNDAY, DECEMBER 13

DATE

15 MINUTES

TIME

1 BOX DRY SPAGHETTI
WOODEN BLOCKS
2 TOWERS OF BOOKS

SUPPLIES

PROCEDURE

1. STACK BOOKS INTO TWO TOWERS OF EQUAL HEIGHT ABOUT 9 INCHES APART.
2. LAY 1 PIECE OF SPAGHETTI ACROSS THE GAP IN THE BOOKS TO FORM A BRIDGE.
3. HAVE YOUR CHILD STACK BLOCKS ON THE SPAGHETTI BRIDGE.
4. ADD MORE PIECES OF SPAGHETTI TO WIDEN AND STRENGTHEN THE BRIDGE.
5. HAVE YOUR CHILD STACK BLOCKS ON THE NEW AND IMPROVED BRIDGE.
6. KEEP EXPERIMENTING WITH THE TALLEST TOWER YOUR CHILD CAN BUILD ON THE SPAGHETTI BRIDGE!

Science "Recipe" Card

EXPLODING SNOWMAN

RECIPE NAME

SUNDAY, DECEMBER 20

DATE

15 MINUTES

TIME

1 RESEALABLE SANDWICH BAG
PERMANENT MARKER
3 TEASPOONS BAKING SODA
2 CUPS WHITE VINEGAR
PAPER TOWEL

SUPPLIES

PROCEDURE

1. HAVE YOUR CHILD DRAW A SNOWMAN FACE ON THE PLASTIC SANDWICH BAG WITH THE MARKER.
2. WRAP 3 TEASPOONS BAKING SODA IN A PAPER TOWEL AND PLACE THE PACKET IN THE PLASTIC BAG.
3. POUR 2 CUPS OF VINEGAR INTO THE PLASTIC BAG AND SEAL THE BAG QUICKLY!
4. STAND BACK AND WATCH YOUR SNOWMAN EXPLODE!