

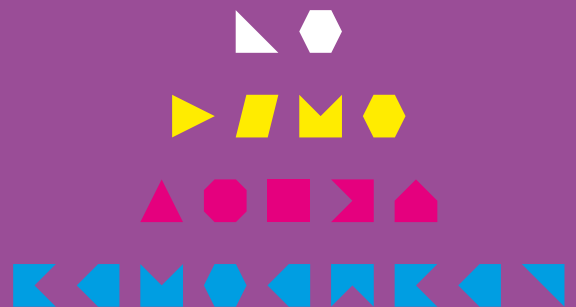
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WEEK 4
COUSIN MAC'S
CRAZY
INVENTIONS!



7 challenges
to complete
each week!



CONGRATULATIONS ODD SOCKERS!

YOU HAVE THE MOVES OF A ROCK STAR,
HAVE SUPER HERO POWERS,
AND EVEN TRAVELLED TO OUTER SPACE!
NOW GET READY FOR COUSIN MAC'S
CRAZY INVENTIONS!



OPEN HERE



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WEEK 4- GET READY FOR SOME CRAZY INVENTIONS

This week we will be doing some crazy inventions. There are 7 stages to complete!



- LEVEL 1 - WACKY INSTRUMENTS ☐
- LEVEL 2 - MEMORY GAME ☐
- LEVEL 3 - ROCK 'N' ROLLER ☐
- LEVEL 4 - PANCAKE FLIPPING ☐
- LEVEL 5 - SILLY SCIENCE ☐
- LEVEL 6 - ODD SOCK BUDDIES ☐
- LEVEL 7 - CODE BREAKERS ☐

WHEN YOU HAVE COMPLETED ALL 7 LEVELS,
DOWNLOAD YOUR CERTIFICATE AND PREPARE
YOURSELF FOR MISSION 5 -

GOOD LUCK ODD SOCKERS, WE KNOW
YOU CAN DO IT!



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LEVEL 1 - WACKY INSTRUMENTS

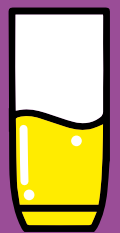


Cousin Mac would like a new instrument to play.
Can you make a water xylophone?



YOU WILL NEED

- At least 5x identical glasses or bottles / jam jars
- Different coloured paint
- 1 wooden or metal spoon
- Water jug



F
570ml

G
390ml

A
330ml

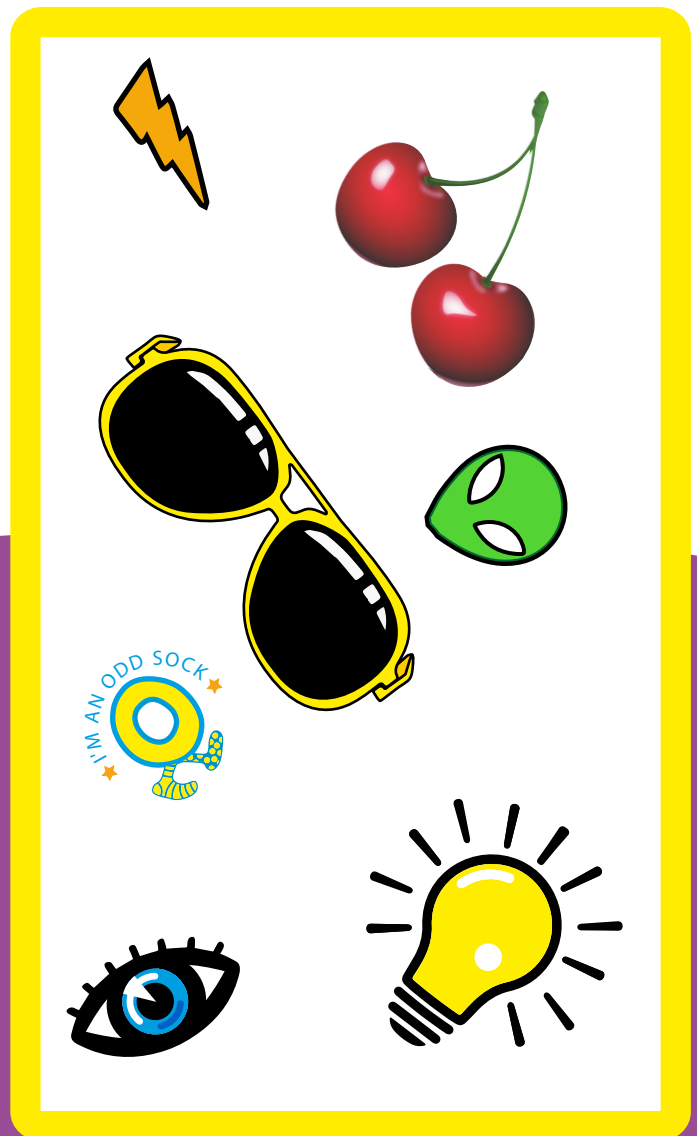
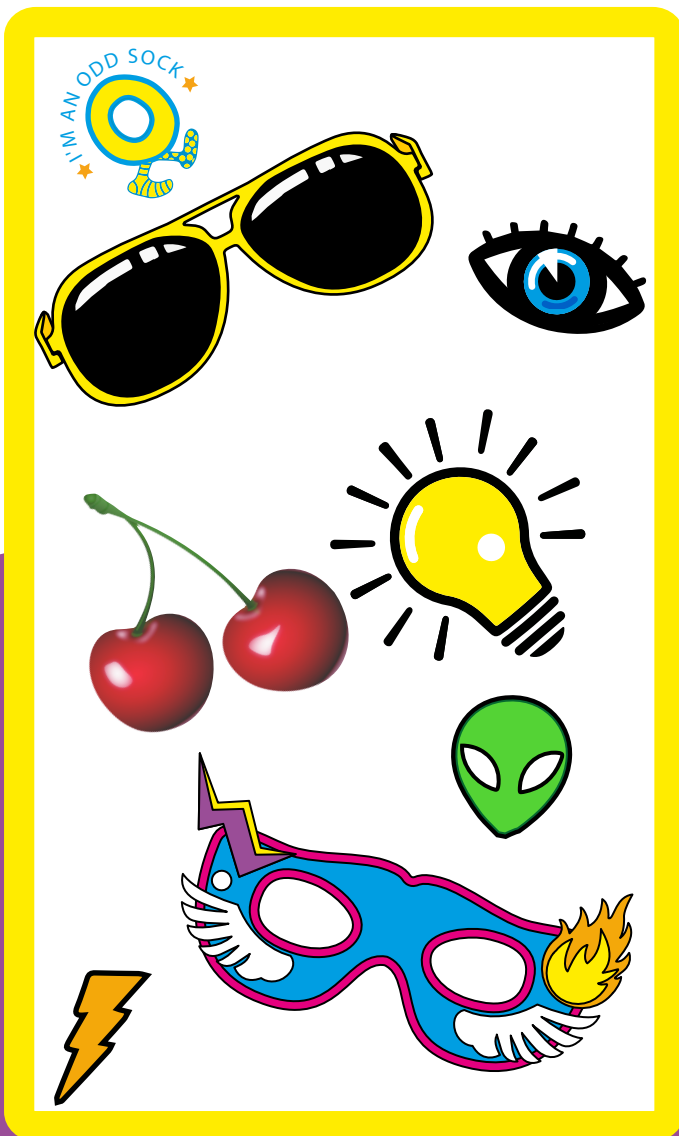
C
240ml

D
180ml

LEVEL 2 - COUSIN MAC'S MEMORY GAME

Ask your grown up to place at least
5 things on the table,
Close your eyes, take one thing away and it's a
guess what's missing game.

NOW TEST THEM!
WHO'S MEMORY IS BETTER?!



LEVEL 3 - ROCK 'N' ROLLER

MAKE YOUR OWN
ROCK 'N' ROLLER OUT OF
HOUSEHOLD
RECYCLING ITEMS

CAN YOU DESIGN A NEW ONE?
YOU CAN USE THE TEMPLATE ON THE NEXT
PAGE AND ADD GLITTER, PAINT, FEATHERS
OR MAKE YOUR OWN OUT OF LEGO

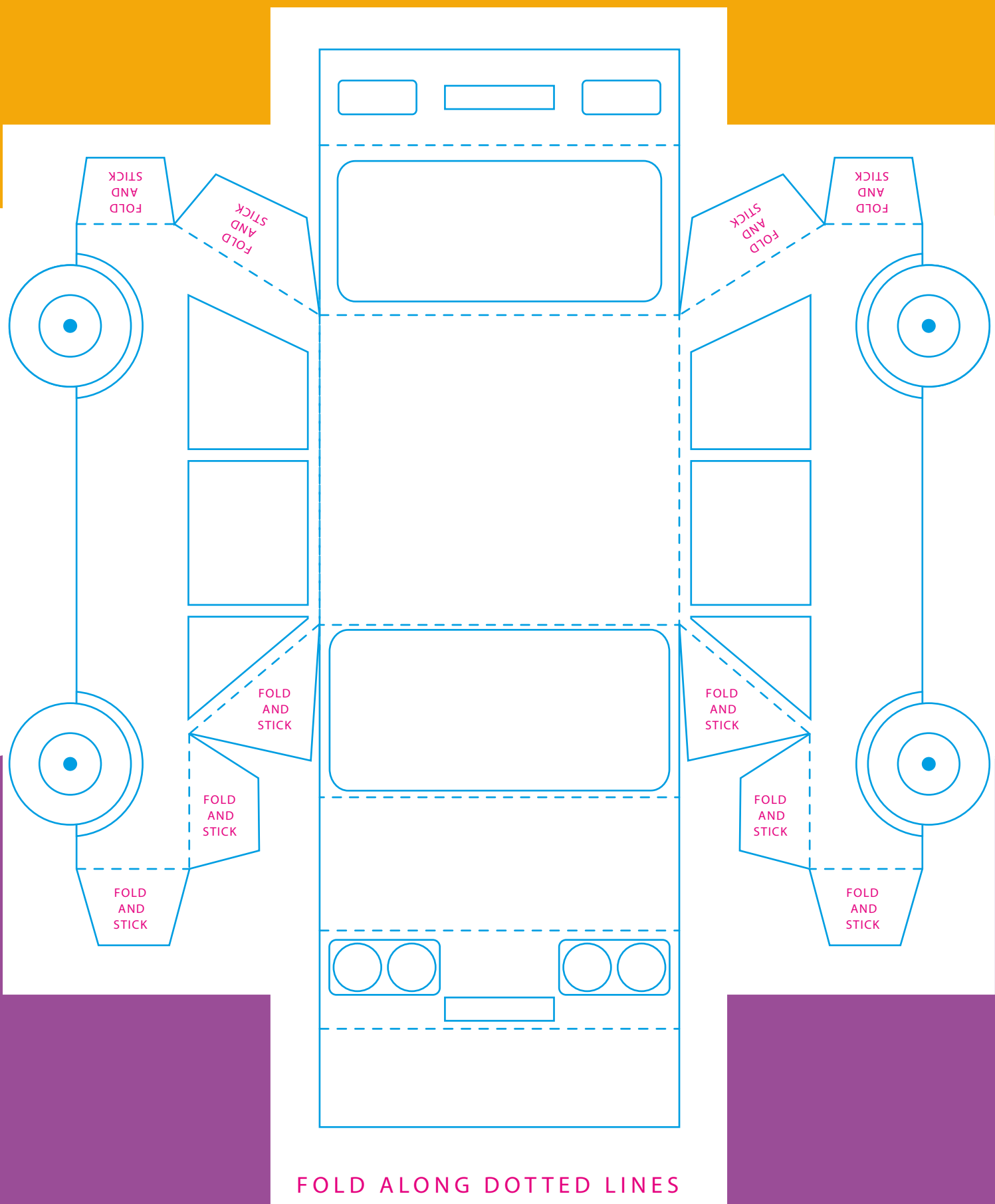
CAN YOU TELL US WHAT WOULD BE IN IT?
A SWIMMING POOL?
TREE HOUSE?

YOU DECIDE!

HERE ARE SOME IDEAS



LEVEL 3 - ROCK 'N' ROLLER Template



LEVEL 4 - PANCAKE FLIPPING

HAVE YOU SEEN COUSIN MAC MAKING SCOTCH PANCAKES?
WATCH THE COOKING WITH MAC VIDEO AND CREATE
YOUR OWN SCOTCH PANCAKES AND SEND US
YOUR PICTURES!



[HTTPS://WWW.YOUTUBE.COM/WATCH?V=GN25DLL5YFA](https://www.youtube.com/watch?v=GN25DLL5YFA)

WHAT ARE YOUR
FAVOURITE TOPPINGS?



SHOW US
YOUR
CREATIONS!



YUM!



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LEVEL 5 - SILLY SCIENCE

COUSIN MAC
LOVES SCIENCE,
CAN YOU COMPLETE
3 OUT OF THESE 5
CRAZY EXPERIMENTS?

CAN YOU MAKE AN EGG FLOAT?

Supplies:

- cups
- water
- raw eggs
- ingredients to test—we used oil, salt, coffee and sugar
- curious kids

WHEN YOU PLACE AN EGG IN A CUP OF WATER IT SINKS TO THE BOTTOM BECAUSE THE EGG IS MORE DENSE THAN THE WATER. PLACE AN EGG IN A CUP AND COVER IT WITH WATER. THEN CHOOSE INGREDIENTS FROM THE KITCHEN TO SEE IF YOU CAN MAKE THE EGG FLOAT. MAYBE ADD OIL, SALT, WATER OR COFFEE.

DANCING RAISINS EXPERIMENT:

- clear sodas (we used lemonade, soda water and tonic water)
- raisins
- clear glasses
- water (for the control)

FILL CLEAR GLASSES EACH WITH A DIFFERENT TYPE OF SODA. WE FOUND THAT USING SODA THAT HADN'T BEEN REFRIGERATED AND WAS AT ROOM TEMPERATURE WORKED BEST FOR OBSERVING SINCE NO CONDENSATION FORMED ON THE SIDE OF THE GLASS. ADD RAISINS INTO THE SODA THEY BEGIN TO "DANCE" AROUND THE GLASS. IT'S VERY COOL TO WATCH!

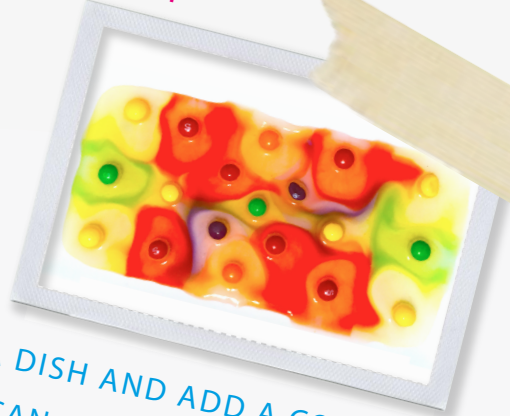
DO YOU HAVE A
PREDICTION
ABOUT WHAT HAPPENS
TO EACH ONE?



LEVEL 5 - SILLY SCIENCE

SKITTLES CANDY SCIENCE EXPERIMENT

- Skittles candy
- water
- jar or bowl



- POUR A LITTLE BIT OF WATER INTO A DISH AND ADD A COUPLE OF SKITTLES CANDIES. IMMEDIATELY YOU CAN START TO SEE SOMETHING HAPPEN.
- SKITTLES ARE PURE SUGAR SO THEY DISSOLVE IN WATER. THE SS ON THE TOP START TO DISSOLVE AND FLOAT TO THE TOP FIRST, BUT IT HAPPENS QUICKLY SO IF YOU WALK AWAY YOU MAY MISS IT.
- AS THE COLOR COATING STARTS TO DISSOLVE THE COLORS BEGIN TO MIX TOGETHER.
- UNTIL FINALLY YOU ARE LEFT WITH A SUGARY WATER MIXTURE. THE KIDS LOVE TO SEE THE COLORS MIX TOGETHER.

HEART SKITTLES CANDY SCIENCE

- AFTER YOU TRY IT WITH A COUPLE SKITTLES GET CREATIVE AND TURN IT INTO A SHAPE LIKE A HEART TO SEE HOW THE RESULTS DIFFER!
- YOU DO IT THE SAME WAY BUT INSTEAD MAKE A HEART OUTLINE ON THE DISH AND FILL IT IN WITH SKITTLES. IT LOOKS COOL TO USE TWO DIFFERENT COLORS. THEN ADD THE WATER AND WATCH WHAT HAPPENS!



LEVEL 5 - SILLY SCIENCE

EXPLODING VOLCANO EXPERIMENT

Materials:

- 10 ml of dish soap
- 100 ml of cold water
- 400 ml of white vinegar
- Food coloring
- Baking soda slurry (fill a cup about half with baking soda, then fill the rest of the way with water)
- Empty 2 litre soda bottle



INSTRUCTIONS:

NOTE: THIS SHOULD BE DONE OUTSIDE DUE TO THE MESS.

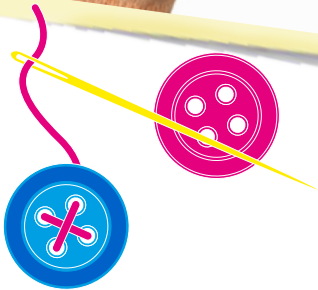
1. COMBINE THE VINEGAR, WATER, DISH SOAP AND 2 DROPS OF FOOD COLORING INTO THE EMPTY SODA BOTTLE.
2. USE A SPOON TO MIX THE BAKING SODA SLURRY UNTIL IT IS ALL A LIQUID.
3. ERUPTION TIME! ... POUR THE BAKING SODA SLURRY INTO THE SODA BOTTLE QUICKLY AND STEP BACK!

HOW IT WORKS:

A CHEMICAL REACTION BETWEEN VINEGAR AND BAKING SODA CREATES A GAS CALLED CARBON DIOXIDE. CARBON DIOXIDE IS THE SAME TYPE OF GAS USED TO MAKE THE CARBONATION IN SODAS. WHAT HAPPENS IF YOU SHAKE UP A SODA? THE GAS GETS VERY EXCITED AND TRIES TO SPREAD OUT. THERE IS NOT ENOUGH ROOM IN THE BOTTLE FOR THE GAS TO SPREAD OUT SO IT LEAVES THROUGH THE OPENING VERY QUICKLY, CAUSING AN ERUPTION!

LEVEL 6 - ODD SOCK BUDDIES

CREATE A SOCK PUPPET OUT OF ODD SOCKS,
FOR EXTRA POINTS CAN YOU
CREATE PUPPETS THAT LOOK
LIKE ANDY AND THE ODD SOCKS?!



YOU WILL NEED:

- a sock
- buttons(or pennies or googly eyes)
- a marker
- something to attach stuff to your sock(hot glue works best, although thread and needle also works well)
- paper(optional) for decoration

- Step 1 - Mark The place for the eyes

Put the sock on your hand to get a feel for where the mouth will be. The mouth will be created by the crease between your fingers and thumb. Once you have a feel for how you want to hold the puppet and mark where you want the eyes to go with the marker.

- Step 2 - Attach the eyes

Glue or sew the eyes onto the puppet

- Step 3 - Customise your puppet

This will take your puppet from being a sock with eyes glued on to a completely personalized sock puppet.



Attach or draw in anything else you find necessary.
Just make sure to be creative and adventurous when
creating your puppet.



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LEVEL 7- CODE BREAKER

THERE'S A MESSAGE FOR
YOU FROM COUSIN MAC!
BREAK THE CODE TO
WORK OUT WHAT IT SAYS..

Using the code key at the bottom of the page you can find what each symbol means.



CODE KEY:

a b c d e f g h i j k l m
n o p q r s t u v w x y z

WELL DONE!
YOU HAVE
COMPLETED
WEEK 4!



CONGRATULATIONS
YOU ARE NOW AS
CRAZY AND INVENTIVE
AS COUSIN MAC!

WE HOPE YOU'VE
ENJOYED COUSIN MACS
WEEK.
THE LAST WEEK COMING UP IS
BLU AND HIS KEEPING IT
COOL CAMP!

DON'T FORGET TO ASK
YOUR GROWNUP TO POST
ALL YOUR RESULTS ON OUR
SOCIAL MEDIA PAGES USING
THE HASHTAG

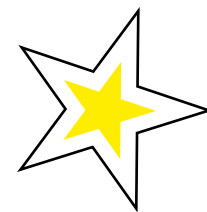


www.andyandtheoddssocks.com





Andy and The Odd Socks



CONGRATULATIONS ODD SOCKER!

THIS CERTIFICATE IS AWARDED TO



FOR COMPLETING WEEK 4
OF THE ODD SOCKS SUMMER CAMP
COUSIN MAC'S CRAZY INVENTIONS!