Auchengray Primary School
Maths Afternoon
15th March 2018
Everyone needs a counter

Start on zero
Roll a 1 move to the next even number
Roll a 2 - move to the next odd number
Roll a 3 - move to the next number with 2 tens
Roll a 4 - move to the next number with 3 tens
Roll a 5 - move to the next number with 2 units
Roll a 6 - move to the next number with 8 units

The first to land on 100 is the winner but you must roll the correct number!
Number Bonds

Number bonds are really important for all aged children. You need two counters, one for each person. Roll the dice, add quickly and place a counter on the answer. Who can cover the most answers?
Place Value Hoops

Making Hundreds - have 3 hoops
Making tens - have 2 hoops
Have you guessed how many hoops you need if you are making a millions number?

Your partner thinks of a number - you have to throw the right amount of bean bags into each hoop to make that number.
That means being accurate in your throwing too!
Place Value Riddle Cards

Around the school there are question cards relating to your list of numbers. Try and find all the cards and solve the questions.
Number Problems

Work in twos, take it in turns to be the asker and then the solver -

• Make 6 six digit numbers. Read the numbers with your partner, make sure that you both are getting it right!

• Ask your partner to sort them from smallest to largest or largest to smallest

• Choose one of the numbers and ask for the number after / before / between

• Choose another of the numbers and ask your partner to read the number then point to one of the digits and ask for its value
Roll the Place Value Dice

Roll the dice to make a number and then complete some of the number cards.
Dartboard Station

3 darts

• Add the totals
• Multiply the totals
• Add the first two darts and then subtract the third
• Try for a number closest to 20 / 0
• Other ideas?
Estimation Station
Weight

How heavy are these ingredients?

- Estimate then weigh
- How can you estimate?
- Lifting?
- Using a spoon?
- Any other ideas?
Estimation Station

Measure

How long are these?

- Estimate then measure
- How can you estimate?
- What do you already know?
- Any other ideas?
Fraction Biscuits

Can you cut these biscuits into
• Halves
• Quarters

Can you show how many quarters there are in a half?

Can you use the different fractions to make wholes?
Fraction Cookies

- Use playdough
- Make cookies and cut them into Halves, Quarters, Eighth

(This activity is much better if you are making real cookies, because then you can eat them!)
Money Sense Website
Provided by Royal Bank of Scotland
https://rbs.mymoneysense.com/home

What is MoneySense?

MoneySense is an impartial financial education programme that uses real-life experiences to help young people develop good money habits.
Playing Card Games

- Remove the kings, queens and jacks. Aces are worth one.
- Split the cards into two equal piles, turn the top cards over on each pile at the same time and place them face up on the table.
  - Multiply the two cards together
  - Add them together
  - Any other ideas?
Domino Games

- Lay the dominoes out face down
- Turn two over
  - Multiply the two together
  - Add them together
  - Subtract them
  - Try it with three dominoes
  - Four dominoes
  - Any other ideas?
Skittles

• Roll the ball and hit a skittle
• Calculate the problem on the skittle
  or
• Hit three skittles and add the three numbers together
  or
• Hit two skittles and multiply the two numbers together
• Any other ideas?
Measure and Make using Shapes

Follow the instructions and measurements to build a den. You have to be accurate!

- Your den must be 3D
- It has to have a minimum of 2 faces and 1 vertex
- You are only allowed to use strips of card that are 5mm by 120mm
- You can only use 500mm of masking tape
- You have 30 minutes to build this!
Measure and Make using Angles

Follow the instructions and measurements to build a den. You have to be accurate!

• Your den must be 3D
• You den must have a sloping wall, 60° from the ground.
• You are only allowed to use strips of card that are 5mm by 120mm
• You can use a sheet of card, folded in half and held at 90° angle to represent the ground and a wall
• You can only use 500mm of masking tape
• You have 30 minutes to build this!
Triangles

How many triangles can you make with 9 sticks?
A different kind of hopscotch

Create a hopscotch type of path but using maths shapes