Countdown Guess the Number Find that Measurement 3D Shape Yes/No Write 1-10, 25, 50, 75 and 100 on some post-its or Write 1-10 on pieces of card and turn Ask someone to give you a list of different lengths and Draw some shapes on pieces of paper. them upside down. pieces of paper. weights. With a partner, choose a shape at random and hold it up so Keep the small numbers in a separate pile to the Get a partner and stand facing each Go for a hunt around the house and garden and see if your partner can see what it is. large numbers, turn them upside down and shuffle other. Each person chooses a number you can find something that long/heavy. Ask your partner questions and see if you can guess your at random and puts it on their forehead When you think you've found it, come back inside to shape, however you can only ask yes/no questions so the other player can see it. Choose 6 numbers at random-including at least 1 measure it and find out if you were right. Take turns giving clues to what the e.g. Do I have 4 sides? partners number is e.g. "Your number Ask someone to give you a 3 digit number. e.g. 10cm – Have I got vertices? is 10 halved" Try to make that number using your chosen post-100 grams -0.5 meters -Partition it **Activity Estimation** Be the Clock Choose 3 activities you could do round the house – clean your room, chop an onion, brush the dog etc You need a pack of cards, use cards 2, 3, 4, 5, 6, 7, Lie down on the ground and place your right elbow on your 8, 9, Ace as 1 and any face card like Queen as 0. Make an estimation about how long each activity will take you. belly button - or as close as you can get while lying flat. Get someone to choose at least 3 cards and place Ask someone to gives you times on a clock and make them Do the activity and time how long it takes. them down in any order e.g. 793 with your hands - your right arm is the minute hand (that's How close were your estimations? What was the difference in time? why its shorter) and your left arm is the hour. Partition the number and ask if you were right e.g. 700, 90, 3 Numeracy Home Learning Challenges (First Level) What's the largest number you can partition? Shop! Name: ______(3) Ask an adult if they have any coins you can use. Set up a little shop of items which your family members can buy from. You've got to give everything a price and work out what change to give them when they buy something. Double/Half It! You can make this game as easy or as challenging as you wish! For a nice warm-up, take a dice, roll it and double the number. For a challenge, roll two dice, add the numbers together then double and half your answer. For more of a challenge, roll two dice, multiple the numbers together then double and half your answer. Remember to use all your strategies to help you - partitioning, rounding, P.E -Outdoors Music - Create a Dance Art-Draw a curve Get some chalk and draw hopscotch Assign a dance move to a number from 1-6 e.g. Get a piece of paper, a ruler and a pencil. squares outside. 1 - jazz hands Place the paper horizontal and draw a line 10cm long near the Play using the times tables answers 2 – Step, step, clap bottom of the page. Place a little mark at 1cm, 2cm, 3cm etc. instead of 1 to 10. Turn the paper vertical and do the same thing again. Make E.g. 7, 14, 21, 28, 35, 42, 49, 56, 63, 70. sure the line starts at the same point so it looks like an L e.g Roll a dice 10 times to create your routine. Draw a straight line from the 1cm mark on the bottom to the Other Curricular Area Challenges Put your dance to a song of your choice - can you 10cm mark on the left. change speed of your moves to match the tempo of Now join up the 2cm mark and the 9cm mark. Then the 3cm the song? to the 8cm and keep going. Soon you'll see something amazing happen!