Reception Maths Home Learning - Week Beginning 08.02.21

This week we will be learning about the number bonds to 10 (pair of numbers which make 10).

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| Monday | Tuesday | Wednesday | Thursday | Friday |
| **See Tapestry observation ’10 in the Bag Game’**  Today you are going to play the guessing game that Ms Barrett has modelled in the video.  10 objects are inside the bag. You take turns to take out a handful and show it to your partner. They must guess how many objects are still in the bag. Check that they are correct.  Have at least 3 turns each.  **Extra:** Your child may enjoy watching this episode of Numberblocks: <https://www.bbc.co.uk/iplayer/episode/b08q3zx7/numberblocks-series-2-blast-off> | **See Tapestry observation ‘Skittles’.**  Today you are going to play skittles using 10 skittles (these can be improvised) as Ms Barrett has demonstrated in the video.  For each turn you record how many skittles were knocked down and how many were still standing. Have at least 4 turns each. Once you have finished look at the pairs of numbers. Can your child notice anything about them? (Hopefully they will notice that pairs of numbers always go together e.g. 5 and 5, 6 and 4 etc.)  **Extra:** Your child may enjoy playing this game: <https://www.ictgames.com/saveTheWhale/index.html>  NB This game has no end so you might want to set a timer for how long to play for. | **See Tapestry observation ‘Number Bonds in the Part-Whole Model’**  In today’s video Ms Barrett will guide your child to use the part-whole model to systematically find all of the number bonds.  Allow your child to use objects in their part-whole model to explore different numbers. Once they have had some time to explore check that they found them all using this song: <https://www.youtube.com/watch?v=GyK8iEO5-GI>  **Extra:** Your child may enjoy watching this episode of Numberblocks: <https://www.bbc.co.uk/iplayer/episode/b0bn5k6h/numberblocks-series-3-ten-again> | **See Tapestry observation ‘Ten Frame Game’**  Today you are going to play a game together as modelled in the video on Tapestry.  One player turns over a number card and puts that number of objects in their 10 frame. The other player must put the number needed to make 10 in theirs (e.g. if the first player turns over the card 7 the second player will need to put 3 in their frame). Combine the two sets of objects to check they make 10. Take turns to turn over a number card. Make a couple of deliberate mistakes and see if your child notices and corrects you.  **Extra:** Your child may enjoy playing this game: <https://pbskids.org/curiousgeorge/busyday/ten/>  NB This game has no end so you might want to set a timer for how long to play for. | **See Tapestry observation ‘Number Bond Pairs Game’.**  Watch the 10 dance song to refresh what you learnt yesterday: <https://www.youtube.com/watch?v=UD_RUVLPvTY>  Play the pairs game modelled as in the video. Place all of the number cards (0-10 and an extra 5) face down between you. Take turns to turn over 2 cards. If the two cards make 10 added together you can keep the pair. If not you must turn them back over.  *If your child is unsure which number they are looking for to complete their pair encourage them to use their fingers to check.*  **Extra**: Your child may enjoy playing one of these games:  <https://www.topmarks.co.uk/maths-games/hit-the-button> (select ‘Number Bonds’ and then ‘Make 10’)  <https://www.mathplayground.com/number_bonds_II.html> (Select target number 10) |
| **Resources**  Tapestry observation  10 Objects  A bag | **Resources**  Tapestry observation  10 skittles and a ball (these can be homemade)  Pencil & paper | **Resources**  Tapestry observation  A part-whole model  10 small objects for counting | **Resources**  Tapestry observation  Your 20 frame (used as 2 10 frames)  Small objects  Number cards 0-10 | **Resources**  Tapestry observation  Number cards 0-10 with an extra number 5 card |

Part-Whole Model