Reception Maths Home Learning - Week Beginning 01.02.21

This week we will be using the part-whole model and learning about combining groups (addition).

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| Monday | Tuesday | Wednesday | Thursday | Friday |
| **See Tapestry observation ‘Altogether’**  In the Tapestry video your child will be guided to use the word ‘altogether’ to describe how many there are when two groups have been combined.  Following the video your child should tell you 3 stories using the word ‘altogether’ using objects in your house e.g. ‘There are 2 stegosauruses and 1 T-Rex. There are 3 dinosaurs altogether.’ or ‘There are 2 blue cups and 5 purple cups. There are 7 cups altogether.’  **Extra:** Build yourself an adding machine (see pictures on Tapestry) | **See Tapestry observation ‘Introducing Part and Whole’**  In the Tapestry video your child will be introduced to the concepts ‘part’ and ‘whole’ (some objects on 1 plate are part, more objects on another plate are another part and when they are put altogether on a third plate this is the whole).  Following the video encourage your child to explore combining groups using 3 plates like Ms Barrett did in the video. Encourage them to use the words ‘part’ and ‘whole’ e.g. ‘There are 4 buttons on this plate; this part is 4. There are 2 buttons on this plate; this part is 2. When I put them altogether on this plate there are 6 buttons. The whole is 6.’  **Extra:** If you built an adding machine you can use it to practise the above by putting your plate for the whole at the bottom and tipping the each plate representing a part into a different tube. | **See Tapestry observation ‘The Part-Whole Model’**  In the Tapestry video your child will be introduced to the ‘part-whole model’.  Following the video encourage your child to explore combining groups using the part-whole model like Ms Barrett did in the video. Encourage them to use the words ‘part’ and ‘whole’ e.g. ‘There are 3 beans here; this part is 3. There are 6 beans here; this part is 6. When I put them altogether here there are 9 beans. The whole is 9.’  **Extra:** Your child may enjoy watching this episode of Numberblocks https://www.bbc.co.uk/iplayer/episode/b08dr1l3/numberblocks-series-1-the-whole-of-me | **See Tapestry observation ‘The Part-Whole Model Continued’**  In the Tapestry video your child will be introduced to the ‘part-whole model’.  Following the video encourage your child to explore combining groups using the part-whole model like Ms Barrett did in the video. Today this includes representing the whole at the same time as the two parts.  Encourage them to use the key words we have learnt e.g. ‘7 peas is a part. 2 peas is a part. 9 peas is the whole. There are 9 peas altogether.’  **Extra:** Your child may enjoy watching this episode of Numberblocks  https://www.bbc.co.uk/iplayer/episode/b0blsv9r/numberblocks-series-3-fruit-salad | **See Tapestry observation ‘Draw Your Own Part Whole Story’**  In the Tapestry video your child will be shown how they can draw in a part-whole model to tell an addition story.  Your child may wish to use objects to practise their story first. When they are ready they can draw their story in the part-whole model. When your child has finished ask them to tell you the story. Double check their understanding by asking them about the whole and the parts.  **Extra**: Your child may enjoy playing this game: <https://www.topmarks.co.uk/addition/addition-to-10> |
| **Resources**  Tapestry observation  Objects from around the house  (Recyclable materials if you are making an adding machine) | **Resources**  Tapestry observation  3 plates  Objects from around the house | **Resources**  Tapestry observation  A part-whole model  Small objects for counting | **Resources**  Tapestry observation  A part-whole model  Small objects for counting | **Resources**  Tapestry observation  A part-whole model & a pen  Small objects for counting (optional) |

Part-Whole Model