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| **Balanced Math**  **Strand: Geometry**  Big Ideas:- identify, sort and classify 2-d and 3d shapes by properties (2m44)  Compose and decompose 2d and 3d shapes (2m45)  Curriculum Expectations:- 2m47-2m49, 2m52, 2m53, 2m54  Math Processes Focus:- communicating | |
| ***Math Journal***  **\*\* Lots of different/**  **possible answers\*\*** | 1. **I drew a shape with 4 sides. Draw what my shape might look like. Explain why your shape might match mine. Is there more than one shape?** 2. **I drew a shape with 5 sides. Draw what my shape might look like. Explain why your shape might match mine. Is there more than one shape?** 3. **I drew a shape with the same number of sides as corners. Draw what my shape might look like. Explain why your shpe might match mine.**   **Sort the shapes. Explain the sorting rule you used. Remember to use geometric properties.**  **(include either colour or white shapes to be cut out and glued on.-could also give a container of shapes and take a picture of the sorting and have the student explain. – could use iPad app “Explain Everything”.- also, the students could draw the shapes or stamp them if you have shape stamps)** |
| ***Independent Problem Solving***  **\*\*One answer but different ways to get there\*\*** | **(A-Easy) What is it that makes these shapes triangles? (include 3 different triangles) What makes these shapes squares? –include three different squares. (pg 78- good questions for math teaching)**  **(B-Medium) Describe the following shapes. Describe how the shapes are the same and different. (include 3 different triangles and three different squares)** |
| ***Shared Problem Solving*** | **Peter said that he used two smaller shapes, both the same, to cover his large shape. If his large shape looked like this what might the two smaller shapes look like? (try to find as many shapes as you can)** |
| ***Math Games*** | **Wagon of Shapes pg 24 One page math games**  **Sunny Shapes pg 23 One page math games**  **Flower Power (Effective Guide to Math Instruction- Geometry)**  **Pizza Parlour (Effective Guide to Math Instruction – Geometry)**  **Tangram Puzzles** |
| ***Math Facts*** | **Flash Cards (if doing instead of Guided Math)** |
| ***Guided Math*** | **-Based on diagnostic assessment of where the class is** |