**Number Sense – Counting – Tools/Manipulatives**

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| Kindie | Grade 1 | Grade 2 | Grade 3 | Grade 4 | Grade 5 | Grade 6 |
| Counting forwards and backwards | counting to 100 | counting to 100 | counting to 1000 | Counting with decimals (to tenths) and fractions | Counting with decimals to hundredths | No counting expectations |
| Number line →Hundreds carpetBlocks and connecting cubes5 and 10 frames (for counting in groups) | number linehundreds carpethundreds chartbead strings (to 50 & 100)connecting cubescoins to 1.00 (nickels & dimes)5 and 10 frames (for counting in groups)Base 10 blocks | Number lineHundreds carpethundreds chartBeads strings (to 200)Coins to $2.00 (up to $0.25)Base 10 blocks | number line (larger scale, modeled)hundreds carpethundreds chartcoins and bills (to $10.00)Base 10 blocks | decimal number line½, ⅓, ¼, 1/10, and beyond 1 wholefraction strips/towersCoins (only dimes)Rulers (connections between 1/10s when measuring mm/cm) | number linecoins and bills (all)Base 10 blockscm/m (decimals not fractions) |  |
|  | Tally marks | Tally marks |  | Consider music connection to ¼, ½, and whole notes)Clocks ½, ¼ , 1 (whole) |  |  |