**8th Grade Calendar Math**

**Fayette County Public Schools**

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|  | **Calendar** | **Arrays** | **Counting****Tape and****% Circle** | **Daily****Circle** | **Daily****Pattern** | **Daily****Variable** | **Daily****Depositer** | **Daily****Data** | **Daily****Measurement** |
| **August** |  |  |  |  | **April**-Fibonacci numbers | -2d+50 | **Aug/Sept**-interest, computations with %’s-10% |  |  |
| **September** |  | **January**-Factors and Divisibility Rules | **September and March**-add integers on the number line |  | **Aug/Sept**-relationship between area/perimeter | n2+(-17) solve and graph | **October-**interest, computations with %’s-20% |  |  |
| **October** |  |  | **October and April**-add and subtract integers on number line |  |  | **-** ⅗x + 5 | **January** interest and compound interest |  | **February** use inches, feet, yards; compute with fractions |
| **November** | **December** Pieces (Properties of Polygons) |  |  |  | **January**-recognize square numbers | x3 solve and graph |  | **May**-scatterplot, line of best fit |  |
| **December** | **January** Pieces (line symmetry) |  |  |  |  | solve and graph; use random #s and date | **February** compute with percents, compound interest |  |  |
| **January** | **February** Pieces (rotational symmetry) |  |  | **February** radius, diameter and circumference | **February** –area of triangles |  |  | **January**-Stem and Leaf, medians |  |
| **February** | **May** Pieces (cylinders, cones and spheres) |  |  | **March** –area of circles |  | 2x3-100 solve and graph |  | **February**-graph data on double line graph | **March**-Use metric linear measures, multiply with decimals |
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| **March** | **March** Pieces (triangles); find actual area- use date as base and month as height |  |  | **April** compare theoretical and experimental probability | **March** patterns involving area |  |  |  | **May**-edges, surface areas and volumes of cubes |
| **April** | **April** Pieces (prisms & pyramids); find actual volumes with length and width as month and height as date |  |  | **May** probability of compound events |  | F=C+32 solve and graph |  | **March**-relate percents to angles in circles |  |