

## Quarter 3 – Sixth Grade Math Syllabus

Our goals for third quarter are the Illinois Standard Goals 9 and 10 which are geometry and analyzing data. Students will be learning the following math topics:

- Identifying the mean, median, mode, and range for a set of numbers
- Labeling radii, diameters, and chords on a circle
- Identifying lines that are parallel, perpendicular, and intersecting
- Distinguishing between acute, obtuse and right angles
- Measuring triangles and quadrilaterals using a protractor/ angle ruler.
- Figuring out the length of an unknown angle when the other angles are given.
- Stating how shapes are similar and identifying corresponding parts
- Identifying 3 dimensional geometric shapes by looking at their faces, edges, vertices, and their nets.

Parents can do the following activities to improve the skills on the above topics:

- Ask your child to see their math binder, and take a look at what they are working on in class.
- Review worksheets from your child's binder and give them practice problems.
- Review your child's math vocabulary and quiz them on various terms. (Vocabulary: mean, median, mode, chord, diameter, radius, parallel, perpendicular, intersecting lines)
- Students can draw circles on a paper and show where a chord, radius, and diameter are located on the circle.
- Ask your child to locate angles within their house, the park, the mall, etc. and identify them as acute, obtuse, or right angles.

