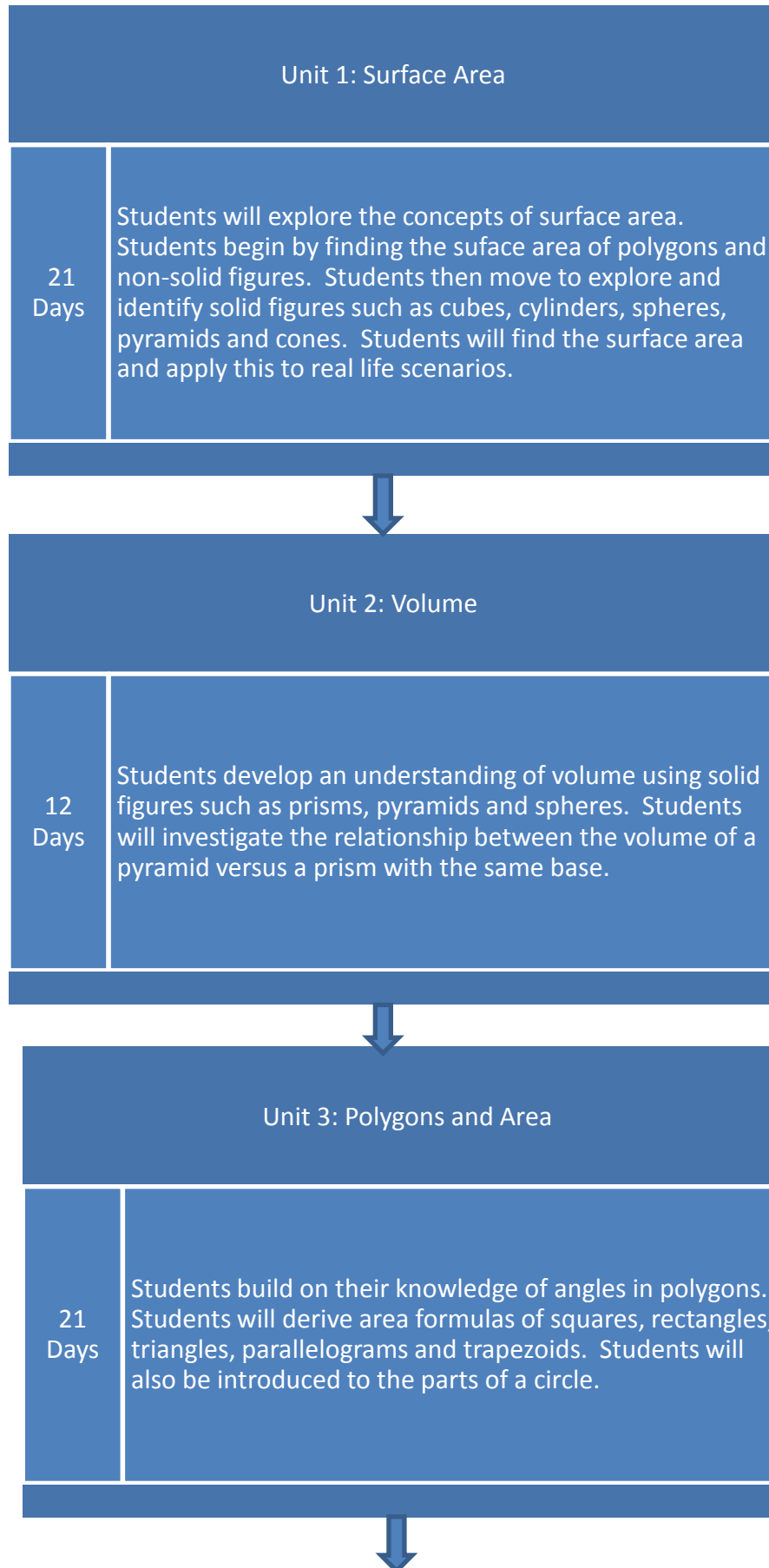




Reavis High School

Geometry CC Curriculum Snapshot



Unit 4: Circles

10
Days

Students will find the area and circumference of circles. Students will begin identifying parts of a circle and learning their properties. The students will begin to use properties involving tangents and chords of a circle. The unit will end with students comparing and contrasting round solids versus square solids.



Unit 5: Triangle Relationships

15
Days

Students will learn to recognize a variety of triangles and to compute angle measures and side lengths in them. Several fundamental theorems related to triangles including Pythagorean Theorem will be explored. The relationship between the medians of a triangle and its centroid are introduced and students begin to find patterns in 45-45-90 and 30-60-90 special right triangles.



Unit 6: Similarity

10
Days

After studying ratios and proportions, students will use them in connection with similar polygons. In addition, students will be able to apply theorems to show that two triangles are similar. Lastly, students will be introduced on how to identify and draw dilations.



Unit 7: Angles and Measures

18
Days

Students will be introduced to angles and their properties. Students will be introduced on how to use equality to justify mathematical statements. Students will focus on parallel and perpendicular lines. Students will use properties of parallel and perpendicular lines to find angle measures. Lastly, students will identify relationships between the angles formed by a transversal.