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| **Daily Lesson Plan** | |
| **Subject/Course: Math**  **Topic: Plane Geometry** | **Teacher: Shavonne Burrows**  **Date: March 18-22, 2013** |
| **Common Core Standard :**  **6. G.1** Find the area of right triangles, other triangles, special quadrilaterals, and polygons by composing into rectangles or decomposing into triangles and other shapes; apply these techniques in the context of solving real-world and mathematical problems (Monday – Friday).  **6. G.2** Find the volume of a right rectangular prism with fractional edge lengths by packing it with unit cubes of the appropriate unit fraction edge lengths, and show that the volume is the same as would be found by multiplying the edge lengths of the prism. Apply the formulas V = l w h and V = b h to find volumes of right rectangular prisms with fractional edge lengths in the context of solving real-world and mathematical problems (Friday).  **6. G.4** Represent three-dimensional figures using nets made up of rectangles and triangles, and use the nets to find the surface area of these figures. Apply these techniques in the context of solving real-world and mathematical problems (Friday). | |
| **Vocabulary**  Area, Perimeter, Face, Base, Vertex, Edge, Pyramids, Prism | **Essential Questions:**  **HohhHh** |
| **Classroom Design** | |
| **Monday Materials:**  Math Notebook, Smart Board, Plane Geometry Package and Solid Geometry Package | |
| **Warm Up: Math Sponge**  **Math Sponge- see students binders (material used Buckle Down, Coach, 6 Math Common Core Reference Book and Glencoe Math) Angles Package**  **Monday Mini-Lesson –** Compass Learning Lesson on Plane Geometry  **Tuesday-** Compass Learning Lesson on Plane Geometry  **Wednesday-** Compass Learning Lesson on Plane Geometry  **Thursday-** Compass Learning Lesson on Plane Geometry  **Friday-** Compass Learning Lesson Plane Geometry | |
| **Monday - Activity (Work) Period**: Plane Geometry Package Lesson 11.5 Area of Trapezoid p. 145  **Tuesday - Activity (Work) Period**: Plane Geometry Package Lesson11.6 Area of other Polygons p. 146-147  **Wednesday - Activity (Work) Period:** Plane Geometry Package Lesson 11.7 Area Word Problems p.148  **Thursday - Activity (Work) Period**: Plane Geometry Package Chapter Review p. 149  **Friday - Activity (Work) Period:** Solid Geometry Package Lesson 12.1 p. 152-153 ARMT+ Review and Benchmark Assessment 15  **Monday (Small Group)-**Kids College, Math board games, ARMT + Practice, and Teacher Station  **Tuesday(Small Group)-**Kids College, Math board games, ARMT + Practice, and Teacher Station  **Wednesday (Small Group)-**Kids College, Math board games, ARMT + Practice, and Teacher Station  **Thursday (Small Group)-**Kids College, Math board games, ARMT + Practice, and Teacher Station  **Friday (Small Group)-**Kids College, Math board games, ARMT + Practice, and Teacher Station  **Monday Homework:** Week 20 Math Package | |
| **Monday Closing**: Students will discuss what he/she has learned today.  **Tuesday Closing**: Students will discuss what he/she has learned today.  **Wednesday Closing:** Students will discuss what he/she has learned today.  **Thursday Closing**: Students will discuss what he/she has learned today.  **Friday Closing:** Students will discuss what he/she has learned today.  **Assessment**: Teacher Observation, Pop Quiz, Benchmark Assessments and student participation. | |
| **Technology Integration: Document Camera, Internet, Compass Learning, Kids College and Smart Board** | |