**Grade 6 – Geometry – Location & Movement**

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| **Assessment Category** | **Level 1** | **Level 2** | **Level 3** | **Level 4** |
| **Knowledge and Understanding****The student…** |  |  |  |  |
| - demonstrates an understanding of a coordinate grid | LimitedKnowledge | SomeKnowledge | ConsiderableKnowledge | ThoroughKnowledge |
| - demonstrates an understanding of 90$°$ and 180$°$ rotations |
| - reflects, translates and/or rotates shapes in relation to a given point |
| **Thinking****The student…** |  |  |  |  |
| - selects a variety of tools to identify and/or perform rotations (e.g. protractors, coordinate grids, miras) | LimitedEffectiveness | SomeEffectiveness | ConsiderableEffectiveness | High Degree of Effectiveness |
| - analyses designs made by reflections, translations and/or rotations  |
| – uses problem solving skills |
| **Communication****The student…** |  |  |  |  |
| - explains how a co-ordinate system presents location  | LimitedEffectiveness | SomeEffectiveness | ConsiderableEffectiveness | High Degree of Effectiveness |
| - communicates using a variety of modes (short answers, lengthy explanations, verbal reports, diagrams, numerically)  |
| - uses appropriate vocabulary and terminology (e.g. rotation, translation, reflection, axis, clockwise, counterclockwise) |
| **Application****The student…** |  |  |  |  |
| - applies knowledge and skills about co-ordinate system to in-class assignments  | LimitedEffectiveness | SomeEffectiveness | ConsiderableEffectiveness | High DegreeOf Effectiveness |
| - transfers knowledge and skills about location and movement to in-class assignments |
| - makes connections between a variety of real life situations where motion geometry occurs |