# NORTH TONAWANDA CITY SCHOOL DISTRICT BUILDING PLAN
## DRAKE ELEMENTARY SCHOOL
### Science 2009-2010

Use of Data Analysis to increase overall student achievement focusing on at-risk students: Science

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| **GOAL**: To maintain and/or increase the achievement of the 4th grade New York State Science Test Scores. | |
| **DISTRICT/ STATE STANDARD**: All students will meet or exceed state and local standards. | |
| **CURRENT STATE**: Working toward increasing proficiency of students' skills by using data from the 2009 NYS Science test to *maintain and/or improve* instruction in Science. We will continue to work towards improving our NYS Science test scores. | |
| **DESIRED STATE**: Over the next 2 years the number of students demonstrating proficiency on the NYS Science test will remain the same or increase. | |

| OBJECTIVE | KEY MEASURE | STRATEGIES | RESPONSIBILITY | TIME LINE | REVIEW DATES |
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| **Manipulatives** Increase teacher awareness of hands on manipulatives available in building. | There is a hands on science manipulative storage cabinet available for teacher use in the copy room. | Teachers will each take time to explore the availability of hands on science manipulatives supplied in storage cabinet. | *Classroom Teacher | 2009-2010 school year | Monthly or as needed |
| **Gap Analysis** After analyzing Data Mentor data from previous years, teachers will concentrate on core curriculum units. | Teachers will refer to the data provided by Data Mentor. | Teachers will use the information provided by the gap analysis data to drive instruction, focusing on the following units: Matter, Plants, Animals, Energy, Measurement, Lifecycles | *Classroom Teacher | 2009-2010 school year | Monthly or as needed |
| **Curriculum Maps** Teachers will review and familiarize themselves with current Science curriculum maps. | Teachers will locate and review district supplied curriculum maps for Science. | Teachers will review curriculum maps to ensure that they are following the scope and sequence of the district mandated science curriculum. | *Classroom Teacher | | |