November 29, 2010

To: Lincoln School Committee
From: Mickey Brandmeyer
Re: Local Data Warehouse Project

The District has developed and implemented local learning expectations and common assessments in order to track students' academic progress. The Massachusetts Department of Elementary and Secondary Education has created a data warehouse, which school districts can use to access and analyze MCAS data.

The district's annual goals and work plan for Curriculum Instruction and Assessment describes initiatives to use data to improve instruction and student achievement. Over the past two years, teachers and administrators have been using data to analyze student performance, set goals, and begin to measure progress toward meeting those goals.

This report is in response to the work plan indicating that the district will complete the development of a local data warehouse to collect performance data, write student learning plans and record progress. Currently, the district is tracking the following performance data in order to write learning plans and monitor implementation:

- ❏ Midyear and end-of-year assessments from Everyday Math for students in grades three through five;
- ❏ Midyear and end-of-year assessments from Impacts Mathematics for students in grades six through eight;
- ❏ Fall and spring common writing assessments for students in kindergarten through grade eight;
- ❏ Additionally, student performance on literacy assessments such as the DRA, Dibles, and Fountas & Pinnell will be added to the database.

Teachers and administrators are able to access this performance data in order to assess on a global level student progress on this series of summative assessments. It is important to note that in addition to these benchmark assessments, teachers have more detailed and timely information from formative assessments which are used on a daily and weekly basis in order to plan instruction.

At this time, learning plans are being developed for students to who scored in the warning or needs improvement performance bands on the 2010 MCAS.

During the upcoming School Committee meeting we will display different components of the local data warehouse and demonstrate ways in which the data is currently being used. We will also discuss ways in which the local data warehouse will be further developed.