

## ASSESSMENT

Teachers use a variety of methods when assessing students. They may include:

- ✓ Portfolio Collection
- ✓ Observations
- ✓ Demonstrations
- ✓ Conferences
- ✓ Self-evaluations
- ✓ Peer evaluations
- ✓ Surveys
- ✓ Checklists
- ✓ Common District Assessment
- ✓ Benchmark Assessment
- ✓ PSAT
- ✓ Writing rubric
- ✓ State Assessment: M-STEP

## PARENT COMMUNICATION

Parents are encouraged to talk with their child's teacher at any time during the school year.

Following is a list of ways that you may communicate with and/or review your child's progress.

- ✓ PowerSchool
- ✓ Teacher's web site/email/voice mail
- ✓ Parent-teacher conferences
- ✓ School Messenger
- ✓ District Facebook page
- ✓

## Ways You Can Help Your Child At Home

- ✓ Provide a study place
- ✓ Develop a system for organizing and maintaining a notebook
- ✓ Encourage your child to participate in class
- ✓ Talk about how you use math at work and home
- ✓ Involve children in tasks that require computing, measuring, estimating, building, following directions, problem solving and reasoning
- ✓ Make the above resources available to your home
- ✓ Checking grades on PowerSchool
- ✓ Supporting homework

# District Mission Statement

In partnership with the community, we seek to instill in students high standards for academic excellence, integrity, leadership and responsible citizenship.



# New Lothrop Area Public Schools

*Student Learning Targets*



**Junior High - Math**

Grade Level and Content Area Teachers developed a list of 5-10 Student Learning Targets (SLT'S) for DK-12th grade. This brochure is meant to help students and parents become familiar with each course and the intended outcomes upon completion.

Accordingly, Students will be able to...

## 7<sup>th</sup> Grade Math

- Measure angles; find angle sums of polygons, understand conditions for unique triangle, parallel lines and transversals.
- Add, subtract, multiply and divide rational numbers, absolute value, opposites; use order of operations and distributive property.
- Enlarge a figure; find the effect of scale factors on perimeter and area; find coordinate rules; find ratios between and within similar figures; use similarity to find measures.
- Calculate ratios, unit rates; Create rate tables; calculate constant of proportionality; solve proportions, including markups, discounts, commission, measurement, conversion.
- Represent linear relationships in graphs, tables, equations; solve linear equations; find slope, intercept; write equations for linear relationship given points.
- Use probability models; define experimental and theoretical probability; analyze probability of compound events.
- Calculate area and circumference of circle; calculate volume and surface area of rectangular and polygonal prisms, cylinders; volume of pyramids, cones, spheres; plane sections of prisms, pyramids; find the effect of scaling on surface area and volume.
- Create sampling plans; determine the effect of sample size; predict population statistics, use simulations; compare sample statistics to draw inferences about two populations.

## 8<sup>th</sup> Grade Math

- Use linear models and equations, inverse variation models and equations, calculate variability of numerical and categorical data.
- Use the Pythagorean Theorem and converse; use square roots, cube roots, irrational and real numbers.
- Represent exponential growth with tables, graphs, equations; write rules for exponents, scientific notation; work with exponential decay functions; determine growth/decay factors and rates.
- Evaluate equivalent expressions, solve linear and quadratic equations; identify and represent linear, exponential and quadratic functions.
- Use symmetry, transformations, and congruence.
- Solve linear systems graphically and algebraically; solve systems of functions and inequalities; solve systems of linear inequalities.