

Pottsville School District Grade K Math “Year at a Glance”

	Chapter or Unit(s) Boats, Apples, Farm, America, All about Me	Chapter or Unit(s): Fall, Pumpkins, Trees/Leaves, Wild West, Thanksgiving, Families	Chapter or Unit(s): Winter, Bears, Weather, Space, Presidents, Arkansas	Chapter or Unit(s): Insects, Ocean, Zoo, Plants/Seeds, Animals
	Target Dates: 1 st 9 weeks	Target Dates: 2 nd 9 weeks	Target Dates: 3 rd 9 weeks	Target Dates: 4 th 9 weeks
Standards	K.CC.A.1 K.OA.A.1 K.G.A.2 K.CC.A.2 K.OA.A.2 K.CC.A.3 K.OA.A.3 K.CC.A.4 K.OA.A.4 K.CC.A.5 K.CC.A.6 K.MD.B.3 K.CC.A.7	K.CC.A.1 K.OA.A.1 K.G.A.2 K.CC.A.2 K.OA.A.2 K.CC.A.3 K.OA.A.3 K.CC.A.4 K.OA.A.4 K.CC.A.5 K.CC.A.6 K.MD.B.3 K.CC.A.7	K.CC.A.1 K.OA.A.1 K.G.A.2 K.CC.A.2 K.OA.A.2 K.CC.A.3 K.OA.A.3 K.CC.A.4 K.OA.A.4 K.CC.A.5 K.CC.A.6 K.MD.B.3 K.CC.A.7	K.CC.A.1 K.OA.A.1 K.G.A.2 K.CC.A.2 K.OA.A.2 K.CC.A.3 K.OA.A.3 K.CC.A.4 K.OA.A.4 K.CC.A.5 K.CC.A.6 K.MD.B.3 K.CC.A.7
Foundational Skills	We take them where they are and love them!	<ul style="list-style-type: none"> •Recognize #s to 5 •Count to 25 •Identify + and - signs 	<ul style="list-style-type: none"> •Recognize #s to 10 •Count to 50 	<ul style="list-style-type: none"> •Fluently adds and subtracts to 10 •Count to 75 •Uses various math strategies
Key Strategies or Action Words	Math centers Partner games Manipulatives Technology (Ipads) Math Games CGI strategies AIMS STEM Activities	Math centers Partner games Manipulatives Technology (Ipads) Math Games CGI strategies AIMS STEM Activities	Math centers Partner games Manipulatives Technology (Ipads) Math Games CGI strategies AIMS STEM Activities	Math centers Partner games Manipulatives Technology (Ipads) Math Games CGI strategies AIMS STEM Activities
Assessments of Power Standards: Formative and Summative	Observation Formative Assessments Report Card Benchmarks NWEA	Observation Formative Assessments Report Card Benchmarks NWEA	Observation Formative Assessments Report Card Benchmarks NWEA	Observation Formative Assessments Report Card Benchmarks NWEA

Pottsville School District Grade 1 Math “Year at a Glance”

	Chapter or Unit(s)Go Math	Chapter or Unit(s)Go Math	Chapter or Unit(s)Go Math	Chapter or Unit(s)Go Math
	Target Dates:1 st 9 weeks	Target Dates:2 nd 9 weeks	Target Dates: 3 rd 9 weeks	Target Dates: 4 th 9 weeks
Standards	<p>1.OA.A.1 1.MD.B.3 1.OA.C.6 1.MD.B.4 1.OA.D.7</p> <p>1.NBT.A.1 1.NBT.A.2</p>	<p>1.OA.A.1 1.MD.B.3 1.OA.A.3 1.MD.B.4 1.OA.C.6 1.OA.D.7</p> <p>1.NBT.A.1 1.NBT.A.2</p>	<p>1.OA.A.1 1.MD.B.3 1.OA.A.3 1.MD.B.4 1.OA.A.4 1.OA.C.6 1.G.A.3 1.OA.D.7</p> <p>1.NBT.A.1 1.NBT.A.2 1.NBT.A.3</p>	<p>1.OA.A.1 1.MD.B.3 1.OA.A.3 1.MD.B.4 1.OA.A.4 1.OA.C.6 1.G.A.3 1.OA.D.7</p> <p>1.NBT.A.1 1.NBT.A.2 1.NBT.A.3</p>
Foundational Skills	<ul style="list-style-type: none"> •Add and subtract within 20 •Use multiple strategies to solve word problems •Understand = sign •Count to 120 •Understand tens and ones place •Tell time to hour •Know names of coins 	<ul style="list-style-type: none"> •Apply different strategies to add and subtract •Explain two-digit numbers using tens and ones •Tell time to half hour •Know names and values of coins •Write any numeral counted up to 120 	<ul style="list-style-type: none"> •Understand properties of operations and fact families •Build and draw shapes •Put shapes together to make new shapes •Define attributes of shapes •Add within 100 •Compare two digit numbers using < or > •Divide circles and rectangles into equal parts •Describe equal parts as a part of a whole 	<ul style="list-style-type: none"> •Understand properties of operations and fact families •Build and draw shapes •Put shapes together to make new shapes •Define attributes of shapes •Add within 100 •Compare two digit numbers using < or > •Divide circles and rectangles into equal parts •Describe equal parts as a part of a whole
Key Strategies or Action Words	<p>Go Math Mobi Max Think Central Facts in a Flash CGI Manipulative</p>	<p>Go Math Mobi Max Think Central Facts in a Flash CGI Manipulatives</p>	<p>Go Math Mobi Max Think Central Facts in a Flash CGI Manipulatives</p>	<p>Go Math Mobi Max Think Central Facts in a Flash CGI Manipulatives</p>
Assessments of Power Standards: Formative and Summative	<p>Go Math Chapter Test Mobi Max Observations Common Assessment NWEA</p>	<p>Go Math Chapter Test Mobi Max Observations Common Assessment NWEA</p>	<p>Go Math Chapter Test Mobi Max Observations Common Assessment NWEA</p>	<p>Go Math Chapter Test Mobi Max/IXL Observations Common Assessment NWEA</p>

Pottsville School District Grade 2 Math “Year at a Glance”

	Chapter or Unit(s)	Chapter or Unit(s)	Chapter or Unit(s)	Chapter or Unit(s)
	Target Dates:	Target Dates:	Target Dates:	Target Dates:
Standards	2.OA.1 2.MD.6 2.OA.2 2.OA.3 2.NBT.1 2.NBT.2 2.NBT.3	2.OA.1 2.MD.1 2.OA.2 2.MD.2 2.OA.3 2.MD.3 2.NBT.1 2.MD.4 2.NBT.2 2.MD.5 2.NBT.3 2.MD.6 2.NBT.4 2.MD.9 2.NBT.5 2.MD.10 2.NBT.6 2.NBT.8	2.OA.1 2.MD.1 2.OA.2 2.MD.5 2.OA.3 2.MD.7 2.OA.4 2.MD.8 2.NBT.1 2.MD.9 2.NBT.5 2.NBT.6 2.NBT.7 2.NBT.9	2.OA.1 2.MD.3 2.OA.2 2.MD.4 2.OA.3 2.G.1 2.OA.4 2.G.2 2.NBT.1 2.G.3 2.NBT.7 2.NBT.9
Foundational Skills	<ul style="list-style-type: none"> •Place value •Addition •Subtraction •Measurement in inches 	<ul style="list-style-type: none"> •Place value •Addition •Subtraction •Measurement in inches •Number Line •Place Value 3-digit •Using appropriate tools 	<ul style="list-style-type: none"> •Place value •Addition •Subtraction •Measurement in inches •Number Line •Place Value 3-digit •Using appropriate tools •Explaining Strategies 	<ul style="list-style-type: none"> •Place value •Addition •Subtraction •Measurement in inches •Number Line •Place Value 3-digit •Using appropriate tools •Explaining Strategies •3D Shapes
Key Strategies or Action Words	Go Math Mobi Max ABCya Think Central Facts in a Flash CGI	Go Math Mobi Max ABCya Think Central Facts in a Flash CGI	Go Math Mobi Max ABCya Think Central Facts in a Flash CGI	Go Math Manipulatives Mobi Max ABCya Think Central Facts in a Flash CGI
Assessments of Power Standards: Formative and Summative	Go Math Chapter Test Facts in a Flash Mobi Max Observations Common Assessment NWEA	Go Math Chapter Test Facts in a Flash Mobi Max Observations Common Assessment NWEA	Go Math Chapter Test Facts in a Flash Mobi Max Observations Common Assessment NWEA	Go Math Chapter Test Facts in a Flash Mobi Max/IXL Observations Common Assessment NWEA

Pottsville School District Grade 3 Math “Year at a Glance”

	Chapter or Unit(s)1-4	Chapter or Unit(s)5-7	Chapter or Unit(s)8-9	Chapter or Unit(s)10-12
	Target Dates:Aug-Oct	Target Dates:Oct-Dec	Target Dates:Jan.-March	Target Dates:March-May
Standards	<p>3.OA.A.1</p> <p>3.NBT.A.1</p> <p>3.NBT.A.2</p> <p>3.NBT.A.4</p> <p>3.NBT.A.5</p> <p>3.NBT.A.6</p> <p>3.MD.B.3</p>	<p>3.OA.A.2</p> <p>3.OA.A.3</p> <p>3.OA.A.4</p> <p>3.OA.B.5</p> <p>3.OA.B.6</p> <p>3.OA.C.7</p>	<p>3.OA.D.9</p> <p>3.NBT.A.3</p> <p>3.NF.A.1</p> <p>3.NF.A.2</p> <p>3.NF.A.3</p>	<p>3.OA.D.8</p> <p>3.G.A.1</p> <p>3.G.A.2</p> <p>3.MD.A.1</p> <p>3.MD.A.2</p> <p>3.MD.B.4</p> <p>3.MD.C.5</p> <p>3.MD.C.6</p> <p>3.MD.C.7</p> <p>3.MD.D.8</p>
Foundational Skills	<ul style="list-style-type: none"> • Addition • Rounding • Regrouping • Place value • Reading graphs 	<ul style="list-style-type: none"> • Arrays • Equal groups • Related facts 	<ul style="list-style-type: none"> • 4 operations • Properties of operations • Unit fractions • Comparing fractions 	<ul style="list-style-type: none"> • Multistep • Telling time to min • Metric units • Understanding shapes/properties
Key Strategies or Action Words	<ul style="list-style-type: none"> • GoMath Booklet/Practice book • Spiral review • Tenmarks • Mobi Max • 6 week Multiplication program 	<ul style="list-style-type: none"> • GoMath Booklet/Practice book • Spiral review • Tenmarks • Mobi Max • Drops in Bucket 	<ul style="list-style-type: none"> • GoMath Booklet/Practice book • Spiral review • Tenmarks • Mobi Max • Drops in Bucket • manipulatives 	<ul style="list-style-type: none"> • GoMath Booklet/Practice book • Spiral review • Tenmarks • Mobi Max
Assessments of Power Standards: Formative and Summative	<ul style="list-style-type: none"> • Chapter test • Weekly multiplication • Data from Tenmarks and MobiMax 	<ul style="list-style-type: none"> • Chapter test • Weekly assessments • Data from Tenmarks and MobiMax • Interims 	<ul style="list-style-type: none"> • Chapter test • Weekly assessments • Data from Tenmarks and MobiMax • Fraction of the day 	<ul style="list-style-type: none"> • Chapter test • Weekly multiplication • Data from Tenmarks and MobiMax • Venn Diagrams

Pottsville School District Grade 4 Math “Year at a Glance”

	Chapter or Unit(s) Place Value/Multiplication (Smith Fractions and Geometry)	Chapter or Unit(s) Multipli/Div (Smith: Fractions and Geometry)	Chapter or Unit(s) Division and Geometry (Smith: Fract, Decimals, Measure)	Chapter or Unit(s) Geometry Review, End of yr review (Smith Fract, Dec., meas.)
	Target Dates:	Target Dates:	Target Dates:	Target Dates:
Standards	4.OA.A.1 4.G.A.1 4.OA.B.4 4.G.A.2 4.NBT.A.1 4.G.A.3 4.NBT.A.2 4.NBT.A.3 4.NBT.A.4 4.NF.A.1 4.NF.A.2 4.MD.A.3	4.OA.A.1 4.MD.A.3 4.OA.A.2 4.MD.C.5 4.OA.A.3 4.MD.C.7 4.NBT.B.5 4.NBT.B.6 4.NF.A.1 4.NF.A.2 4.NF.B.3 4.NF.C.5 4.NF.C.6 4.NF.C.7	4.OA.A.3 4.OA.C.5 4.NBT.B.6 4.NF.A.1 4.NF.A.2 4.NF.B.3 4.NF.B.4 4.MD.A.3	4.NF.A.1 4.G.A.1 4.NF.A.2 4.G.A.2 4.G.A.3 4.MD.A.1 4.MD.2 4.MD.A.3 4.MD.A.4 4.MD.C.5 4.Md.C.7
Foundational Skills	<ul style="list-style-type: none"> • Multiplication Facts • Add and subtract up to hundred fluently • Understand terms numerator/Denominator 	<ul style="list-style-type: none"> • Understanding of Division (splitting into groups/even size) • Shape recognition • Basic attributes 	<ul style="list-style-type: none"> • familiar with both customary and metric systems 	<ul style="list-style-type: none"> • All previous foundational skills
Key Strategies or Action Words	<ul style="list-style-type: none"> • Spiral Homework • Task Cards • Mobi Max • Hands on manipulatives 	<ul style="list-style-type: none"> • Spiral Homework • Task Cards • Mobi Max • Hands on manipulatives 	<ul style="list-style-type: none"> • Spiral Homework • Task Cards • Mobi Max • Hands on manipulatives 	<ul style="list-style-type: none"> • Spiral Homework • Task Cards • Mobi Max • Hands on manipulatives
Assessments of Power Standards: Formative and Summative	<ul style="list-style-type: none"> • Chapter test • ACT Aspire Interims • Daily Observation • Homework • Homework Quizzes 	<ul style="list-style-type: none"> • Chapter test • ACT Aspire Interims • Daily Observation • Homework • Homework Quizzes 	<ul style="list-style-type: none"> • Chapter test • ACT Aspire Interims • Daily Observation • Homework • Homework Quizzes 	<ul style="list-style-type: none"> • Chapter test • ACT Aspire Interims • Daily Observation • Homework • Homework Quizzes

Pottsville School District Grade 5 Math “Year at a Glance”

	Chapter or Unit(s)Go MATH Chapter 1 and 11	Chapter or Unit(s) Go MATH Chapter 2 and 11	Chapter or Unit(s)Go MATH 3, 4, 6, and 7	Chapter or Unit(s)Go MATH 5, 8, 9, and 10
	Target Dates: Aug. – Oct.	Target Dates: Oct.-Dec.	Target Dates: Jan.- March	Target Dates: March-May
Standards	OA.A.1 MD.C.3 OA.A.2 MD.C.4 NBT.A.1 MD.C.5 NBT.A.2.A NBT.A.2.C NBT.A.4 NBT.B.5 NBT.B.6 MD.C.3	O.A.B.3 NBT.B.6 MD.C.5 G.A.1 G.A.2	NBT.A.1 NF.B.3 NBT.A.2.B NF.B.4 NBT.A.2.C NF.B.5 NBT. A.3 NF.B.6 NBT.A.4 NBT.B.6 NBT.B.7 NF.A.1 NF.A.2	NF.B.3 NF.B.5 Nf.B.7 G.B.3 G.B.4 MD.A.1 MD.B.2
Foundational Skills	<ul style="list-style-type: none"> • Place value • Multiplication facts • Perimeter • area 	<ul style="list-style-type: none"> • division facts • Identify perpendicular • Lines • Perimeter • Area • Fact families 	<ul style="list-style-type: none"> • Place value • Multiplication facts • Pars of a whole • Comparing whole #s • Fact families • + and –whole #s 	<ul style="list-style-type: none"> • Add, subtract, multiply, and divide facts • Fact families • Knowledge of line plots
Key Strategies or Action Words	Spiraling Homework “Clock Buddies” Modeling Mobi Max Redos	Spiraling Homework “Clock Buddies” Modeling Mobi Max Redos	Spiraling Homework “Clock Buddies” Modeling Mobi Max Redos	Spiraling Homework “Clock Buddies” Modeling Mobi Max Redos
Assessments of Power Standards: Formative and Summative	Starters/Exit Slips Chapter Test STAR Math Observations ACT Aspire Interims	Starters/Exit Slips Chapter Test STAR Math Observations ACT Aspire Interims	Starters/Exit Slips Chapter Test STAR Math Observations ACT Aspire Interims	Starters/Exit Slips Chapter Test STAR Math Observations ACT Aspire Interims

Pottsville School District Grade 6 Math “Year at a Glance”

	Chapter or Unit(s)1,3,4	Chapter or Unit(s) 2,5,6, 9, and 10	Chapter or Unit(s)8, 11, 12	Chapter or Unit(s)
	Target Dates:Q1	Target Dates:Q2	Target Dates:Q3	Target Dates:Q4
Standards	<ul style="list-style-type: none"> 6.RP.A.1 6.RP.A.2 6.RP.A.3 6.NS.A.1 6.NS.B.2 6.NS.B.4 	<ul style="list-style-type: none"> 6.NS.B.2 6.NS.B.3 6.NS.C.5 6.NS.C.8 6.EE.A.1 6.EE.A.2 6.EE.A.3 6.EE.A.4 	<ul style="list-style-type: none"> 6.G.A.1 6.G.A.2 6.G.A.3 6.G.A.4 6.EE.C.9 6.SP.A.3 6.SP.A.4 6.SP.A.5 	Remediation/Reteach/Review
Foundational Skills	<ul style="list-style-type: none"> • Ratios • Rates • Percents • Compute Fractions • Divide multiple digit numbers • Compute decimals 	<ul style="list-style-type: none"> • Compute multiple digit numbers • Integers(+,-) • Coordinate planes • Absolute value • Substituting variables • Equivalent Expressions • Order of operations (PEMDAS) • Area, volume, polygons on coordinate plane • Nets 	<ul style="list-style-type: none"> • Dependent variables • Independent variables • Mean, median mode, & range • Data displays • Summarize data 	•Review of all previous skills
Key Strategies or Action Words	<ul style="list-style-type: none"> • Modeling • MobiMax • Foldables • Quizlet • CGI, ECM, Constructed response • Spiral Review • Google Classroom ques. • Questioning Strategies 	<ul style="list-style-type: none"> • Modeling • MobiMax • Foldables • Quizlet • CGI, ECM, Constructed response • Spiral Review • Google Classroom ques. • Questioning Strategies 	<ul style="list-style-type: none"> • Modeling • MobiMax • Foldables • Quizlet • CGI, ECM, Constructed response • Spiral Review • Google Classroom ques. • Questioning Strategies 	<ul style="list-style-type: none"> • Modeling • MobiMax • Foldables • Quizlet • CGI, ECM, Constructed response • Spiral Review • Google Classroom ques. • Questioning Strategies
Assessments of Power Standards: Formative and Summative	<ul style="list-style-type: none"> • Google Forms • Chapter test • Observations • Bell work/starters • Google Classroom Ques. 	<ul style="list-style-type: none"> • Google Forms • Chapter test • Observations • Bell work/starters • Google Classroom Ques. 	<ul style="list-style-type: none"> • Google Forms • Chapter test • Observations • Bell work/starters • Google Classroom Ques. 	<ul style="list-style-type: none"> • Google Forms • Chapter test • Observations • Bell work/starters • Google Classroom Ques.

Pottsville School District Grade 7 Math “Year at a Glance”

	Chapter or Unit(s)7-8	Chapter or Unit(s)8-9	Chapter or Unit(s)1	Chapter or Unit(s)2
	Target Dates: Q1	Target Dates: Q2	Target Dates: Q3	Target Dates: Q4
Standards	<p>7.G.A.1</p> <p>7.G.A.2</p> <p>7.G.A.3</p> <p>7.G.B.4</p> <p>7.G.B.5</p> <p>7.G.B.6</p>	<p>7.G.A.1</p> <p>7.G.A.3</p> <p>7.G.B.4</p> <p>7.G.B.6</p> <p>7.SP.C.5</p> <p>7.SP.C.6</p> <p>7.SP.C.7</p> <p>7.SP.C.8</p>	<p>7.RP.A.1</p> <p>7.RP.A.3</p> <p>7.NS.A.3</p>	<p>7.RP.A.2</p> <p>7.EE.A.2</p> <p>7.RP.A.3</p> <p>7.EE.B.3</p>
Foundational Skills	<ul style="list-style-type: none"> •Identify geometric shapes •Identify angles/angle measures •Scale/scale factor •Identify corresponding /Congruent parts 	<ul style="list-style-type: none"> •Calculate area/surface area of geometric/composite figures •Calculate volume of geometric/composite figures •Use and recognize appropriate area and volume formulas 	<ul style="list-style-type: none"> •Complex fractions •Unit rates •Proportions •Coordinate graphing •Rate of change/slope 	<ul style="list-style-type: none"> •Percents as fractions/decimals •Percent of change error •Precent equation/proportion Calculate sales tax
Key Strategies or Action Words	<p>Inquiry Labs (group work)</p> <p>HOT Problems</p> <p>MDC formatives</p> <p>Student choice on HW</p>	<p>Inquiry Labs (group work)</p> <p>HOT Problems</p> <p>MDC formatives</p> <p>Student choice on HW</p>	<p>Inquiry Labs (group work)</p> <p>HOT Problems</p> <p>MDC formatives</p> <p>Student choice on HW</p>	<p>Inquiry Labs (group work)</p> <p>HOT Problems</p> <p>MDC formatives</p> <p>Student choice on HW</p>
Assessments of Power Standards: Formative and Summative	<p>TOD and observations</p> <p>Quizzes</p> <p>Chapter Test</p> <p>ACTAspire Interims</p>	<p>TOD and observations</p> <p>Quizzes</p> <p>Chapter Test</p> <p>ACTAspire Interims</p>	<p>TOD and observations</p> <p>Quizzes</p> <p>Chapter Test</p> <p>ACTAspire Interims</p>	<p>TOD and observations</p> <p>Quizzes</p> <p>Chapter Test</p> <p>ACTAspire Interims</p>

Pottsville School District Grade 8 Math “Year at a Glance”

	Chapter or Unit(s)	Chapter or Unit(s)	Chapter or Unit(s)	Chapter or Unit(s)
	Target Dates:	Target Dates:	Target Dates:	Target Dates:
Standards				
Foundational Skills				
Key Strategies or Action Words				
Assessments of Power Standards: Formative and Summative				

Pottsville School District Algebra “Year at a Glance”

	Chapter or Unit(s)	Chapter or Unit(s)	Chapter or Unit(s)	Chapter or Unit(s)
	Target Dates:	Target Dates:	Target Dates:	Target Dates:
Standards	N.RN.B.3 A.REI.D.10 N.Rn.B.4 A.REI.D.11 N.Q.A.1 A.REI.D.12 N.Q.A.2 F.IF.B.4 N.Q.A.3 F.IF.C.7 A.SSE.A.1 S.ID.A.1 A.SSE.A.2 S.ID.A.2 A.CED.A.1 S.ID.A.3 S.ID.A.5 S.ID.A.6	N.RN.B.3 A.REI.A.1 F.LE.A.1 N.Rn.B.4 A.REI.B.3 F.LE.A.2 N.Q.A.1 A.REI.D.10 F.LE.A.5 N.Q.A.2 A.REI.D.11 S.ID.A.1 N.Q.A.3 A.REI.D.12 S.ID.A.2 A.SSE.A.2 F.IF.A.1 S.ID.A.3 A.CED.A.2 F.IF.A.2 S.ID.A.5 A.CED.A.3 F.IF.B.4 S.ID.A.6 A.CED.A.4 F.IF.B.5 S.ID.A.7 F.IF.B.6 S.ID.A.8 F.BF.B.3 F.IF.C.7 S.ID.A.9	N.RN.B.3 A.REI.B.4 F.LE.A.1 N.Rn.B.4 A.REI.C.5 F.LE.A.2 N.Q.A.1 A.REI.C.6 F.LE.A.3 N.Q.A.2 A.REI.D.10 F.LE.A.5 N.Q.A.3 A.REI.D.11 S.ID.A.1 A.SSE.A.2 A.REI.D.12 S.ID.A.2 A.APR.A.1 F.IF.A.1 S.ID.A.3 A.APR.C.4 F.IF.A.2 S.ID.A.5 F.IF.B.4 S.ID.A.6 F.IF.C.7	N.RN.B.3 A.REI.A.2 F.LE.A.3 N.Rn.B.4 A.REI.B.4 F.LE.A.5 N.Q.A.1 A.REI.C.6 S.ID.A.1 N.Q.A.2 A.REI.C.7 S.ID.A.3 N.Q.A.3 A.REI.D.10 S.ID.A.5 A.SSE.A.2 A.REI.D.11 S.ID.A.6 A.SSE.B.3 A.REI.D.12 A.APR. B.3 F.IF.A.3 A.APR.C.4 F.IF.B.4 A.APR.D.7 F.IF.B.5 F.IF.C.7 F.BF.A.1 F.IF.C.8 F.IF.C.9
Foundational Skills	Add, subtract, multiply, and divide real numbers. Know and use properties of Real numbers Be able to follow the order of operations	Plot points in the coordinate plane Make a table of values and graph from table of values	Write in scientific notation to standard notation Expand Exponents Basics of Exponent rules $3^2 \neq 2^3$	Be able to find the GCF of a number Make a list of factor pairs All previous foundational skills
Key Strategies or Action Words	Spiral Homework Partner Math Task Cards Sorts MDC activities Interactive Notes	Spiral Homework Partner Math Task Cards Sorts MDC activities Interactive Notes	Spiral Homework Partner Math Task Cards Sorts MDC activities Interactive Notes	Spiral Homework Partner Math Task Cards Sorts MDC activities Interactive Notes
Assessments of Power Standards: Formative and Summative	Chapter Tests Quizzes ACT Aspire Interims Homework Observation Starters Scavenger Hunts	Chapter Tests Quizzes ACT Aspire Interims Homework Observation Starters Scavenger Hunts	Chapter Tests Quizzes ACT Aspire Interims Homework Observation Starters Scavenger Hunts	Chapter Tests Quizzes ACT Aspire Interims Homework Observation Starters Scavenger Hunts

Pottsville School District Grade Geometry “Year at a Glance”

	Chapter or Unit(s)	Chapter or Unit(s)	Chapter or Unit(s)	Chapter or Unit(s)
	Target Dates:	Target Dates:	Target Dates:	Target Dates:
Standards	G.CO.A.1 GMD.A.1 G.CO.C.9 GMD.A.2 G.CO.D.12 GMD.A.3 G.CO.E.14 GPE.B.4 HSG.MG.A.1 GPE.B.6 HSG.MG.A.2 GPE.B.7 HSG.MG.A.3	G.CO.B.7 G.CO.B.8 G.CO.C.10 GPE.B.5	G.CO.A.2 G.SRT.A.1 G.CO.A.3 G.SRT.A.2 G.CO.A.4 G.SRT.A.3 G.CO.A.5 G.SRT.B.4 G.CO.B.6 G.SRT.C.6 G.CO.C.11 GMD.B.4	G.CO.D.13 GMD.B.4 G.SRT.C.7 GPE.A.1 G.SRT.C.8 GPE.A.2 G.SRT.D.9 GPE.A.3 G.SRT.D.10 G.SRT.D.11 HSG.C.A.1 HSG.C.A.2 HSG.C.A.3 HSG.C.B.5
Foundational Skills	<ul style="list-style-type: none"> •Basic geometric concepts Using and reading a ruler •Graphing pts on a coordinate plane •Reason abstractly and quantitatively •Write and solve equations •Measure 1-dimensional figures •Slope-intercept and pt-slope form •Find area and perimeter 	<ul style="list-style-type: none"> •Use geometric concepts and properties to solve problems •Graph on a coordinate plane •Measure and classify angles •Identify and use congruent angles •Identify and use perpendicular and angle bisector in triangles •Properties of inequalities 	<ul style="list-style-type: none"> •Prove two triangles are congruent •Solve problems by writing and solving equations •Use proportions to solve problems •Simplify radicals 	<ul style="list-style-type: none"> •Use proportional relationships of similar triangles •Simplify radicals •Graph on a coordinate plane •Use distance formula •Use Pythagorean theorem •Find solutions to applications •problems involving proportional relationships •Identify parallel and intersecting planes in 3-D figures
Key Strategies or Action Words	Identify, model, describe what you see, measure with precision, use compass, protractor reflective devices, patty paper, geometric software, look for patterns, use theorems postulates corollaries	Identify and classify triangles, use congruence transformations, use clear definitions in reasoning, name and use corresponding parts of triangles, prove congruence, apply geometric methods to solve problems	Verify congruence, identify typ of congruence transformation, identify patterns, write rations and proportions, use theorems/postulates/corollaries to determine relationships, use a variety of tools to solve problems	Solve problems involving relationships between parts of a right triangle, analyze equation of circle to find information to graph, write the equation of a circle, find areas of regular and composite figures, draw isometric views of 3-D figures investigate cross-sections of 3-D figures.
Assessments of Power Standards: Formative and Summative	Bellwork, exit slips, Kahoot, daily homework/assignments, MDC activities, construction activities, vocabulary quizzes, and unit and lesson tests	Bellwork, exit slips, Kahoot, daily homework/assignments, MDC activities, construction activities, vocabulary quizzes, and unit and lesson tests	Bellwork, exit slips, Kahoot, daily homework/assignments, MDC activities, construction activities, vocabulary quizzes, and unit and lesson tests	Bellwork, exit slips, Kahoot, daily homework/assignments, MDC activities, construction activities, vocabulary quizzes, and unit and lesson tests

Pottsville School District Algebra II "Year at a Glance"

	Chapter or Unit(s) Chapter 1	Chapter or Unit(s) Chapter 2	Chapter or Unit(s) Chapter 3	Chapter or Unit(s) Chapter 4
	Target Dates: Aug-Sept	Target Dates: Nov-Dec	Target Dates: Jan-Feb	Target Dates: Feb-March
Standards	A.SSE.1 A.SSE.2 A.CED.1 A.CED.3	A.SSE.1 A.CED.2 A.CED.3 F.IF.4 F.IF.5 F.IF.6 F.IF.7 F.BF.3 F.IF.9 IF.B.6 IF.B.7 F.BF.3	A.REI.1 A.REI.11 A.REI.6 A.REI.7 A.CED.3 A.LE.1 A.LE.2 A.AIL.5	A.CN.1 A.CED.1 A.CN.2 A.CED.2 A.CN.7 A.CED.3 A.SSE.1 F.IF.4 A.SSE.2 F.IF.6 A.BF.3 F.IF.9 F.IF.8
	Chapter or Unit(s) Chapter 2			Chapter or Unit(s) Chapter 5
	Target Dates: Sept - Oct			Target Dates: March-May
	A.SSE.1 A.CED.2 A.CED.3 F.IF.4 F.IF.5 F.IF.6 F.IF.7 F.BF.3 F.IF.9 IF.B.6 IF.B.7 F.BF.3			A.APR.1 A.APR.6 A.REI.7 A.REI.11 A.REI.4 A.REI.2 F.IF.9 F.IF.8 A.SSE.1 F.IF.4
Foundational Skills	Basic number properties Basic vocabulary Solving 1-variable equations Basic functions Slope Graphing a line Elementary graphing	Basic number properties Basic vocabulary Solving 1-variable equations Basic functions Slope Graphing a line Elementary graphing	Graphing Equations Solving Equations Basic Inequalities Quadratic Functions Basic Radical Equations	Basic Matrices (Operations of) Factoring (Basics) Solving Equations/Quadratics Graphing Equations Basic Radical Equations
Key Strategies or Action Words	Use Identify Classify Translate Solve Create Represent Analyze Write Find Determine Model Graph	Use Identify Classify Translate Solve Create Represent Analyze Write Find Determine Model Graph	Identify Describe Graph Use Solve	Identify Describe Graph Use Solve
Assessments of Power Standards: Formative and Summative	Classwork/Homework Quiz Venn Diagram/table Chapter Exam	Classwork/Homework Quiz Venn Diagram/table Chapter Exam	Classwork/Homework Quiz Graphing Calculator Chapter Exam	Classwork/Homework Quiz Graphing Calculator Chapter Exam