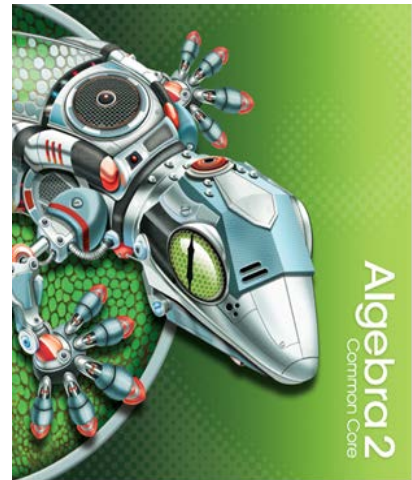


A Correlation of

Pearson Mathematics
Algebra 1, Geometry, Algebra 2
Common Core
© 2015



to the

Nebraska Grade 12
Math Standards

**A Correlation of Pearson High School Mathematics
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Introduction

This document demonstrates how *Pearson Algebra 1, Geometry, Algebra 2 Common Core Edition*, ©2015 meets the Nebraska Grade 12 Math Standards. Correlation references are to the pages of the Student and Teacher’s Editions, Concept Bytes, and Learning Resources within the Teacher’s Editions.

Pearson Algebra 1, Geometry, Algebra 2 Common Core Edition ©2015 is a rigorous, flexible, and data-driven high school math program designed to ensure high school students master the Common Core State Standards. The program’s 5-step lesson design was built for the requirements of the Common Core, and independent research has proven the program’s lesson design is effective for all learners.

Pearson Algebra 1, Geometry, Algebra 2 Common Core Edition, ©2015 balances conceptual understanding, procedural fluency, and the application of mathematics to solve problems and formulate models. The lesson design of the program was built specifically to meet the “rigor” criterion of the Common Core State Standards.

- Each lesson begins with **Interactive Learning**, the *Solve It!*, which immediately engages students in their daily learning according to the Standards for Mathematical Practice.
- The second step of the lesson, **Guided Instruction**, uses visual learning principles and a Thinking/Reasoning strand (seen in the *Know/Need/Plan* and *Think/Plan/Write* boxes) to introduce the Essential Understanding of the lesson by teaching THROUGH and FOR problem-solving. **Interactive Learning** and **Guided Instruction** are both deliberately designed to address the essential elements in the Common Core conceptual category of mathematical modeling.
- In the third step of the lesson, the **Lesson Check**, *Do you know HOW?* exercises measure students’ procedural fluency, while *Do you UNDERSTAND?* problems measure students’ conceptual understanding.
- In the fourth step of the lesson, **Practice** problems are designed to develop students’ fluency in the Content Standards and proficiency with the Mathematical Practices. Real-world STEM problems as well as problems designed to elicit the use of one or more of the Standards for Mathematical Practice are clearly labeled in the **Practice** step of the lesson.
- The final phase of the lesson, **Assess and Remediate**, features a Lesson Quiz to measure students’ understanding of lesson concepts. By utilizing the balanced and proven-effective approach of Pearson’s 5-step lesson design, you can teach the Common Core State Standards with confidence.

**A Correlation of Pearson High School Mathematics
Algebra 1, Geometry, Algebra 2 Common Core, ©2015
to the Nebraska Grade 12 Math Standards**

Table of Contents

NUMBER SYSTEM	1
GEOMETRIC/MEASUREMENT CONCEPTS.....	3
ALGEBRAIC CONCEPTS	8
DATA ANALYSIS/PROBABILITY CONCEPTS.....	12

**A Correlation of Pearson High School Mathematics
Algebra 1, Geometry, Algebra 2 Common Core © 2015
to the Nebraska Grade 12 Math Standards**

Nebraska Grade 12 Math Standards	Pearson High School Math Algebra 1, Geometry, Algebra 2 Common Core, ©2015
NUMBER SYSTEM	
MA 12.1.3 Computation: Students will compute fluently and accurately using appropriate strategies and tools.	
Indicator MA 12.1.3.a Compute accurately with real numbers	<p>Algebra 1 SE/TE: 10-11, 30-33, 39-41, 77, 117-118, 124-126, 138-140, 145-147, 179-181, 388-389, 427-429, 577-578, 583-584, 615-616, 620-622, 626-628, 739-740, 745, 764-765, 770-772, 777-779, 803-804</p> <p>TE: 15A-15B, 36A-36B, 44A-44B, 121A-121B, 129A-129B, 143A-143B, 150A-150B, 183A-183B, 392A-392B, 431A-431B, 581A-581B, 588A-588B, 618A-618B, 625A-625B, 631A-631B, 731A-731B, 744A-744B, 768A-768B, 774A-744B, T421-T422</p> <p>Geometry SE/TE: 21-23, 29-30, 36-37, 51-53, 60-63, 173-175, 286-287, 293-296, 304, 310-311, 323 (Algebra Review), 328, 335, 353-355, 377-378, 385, 390-391, 399 (Algebra Review), 442-443, 454, 462-464, 473-474, 492-495, 500-502, 617-618, 623-625, 629-631, 700-703, 709-712, 719-720, 727-729, 734-736, 791-794, 837-840, 845-847, 857-858</p> <p>TE: 26A-26B, 33A-33B, 40A-40B, 56A-56B, 67A-67B, 178A-178B, 256A-256B, 291A-291B, 299A-299B, 307A-307B, 315A-315B, 331A-331B, 339A-339B, 358A-358B, 382A-382B, 388A-388B, 397A-397B, 405A-405B, 438A-438B, 447A-447B, 458A-458B, 467A-467B, 478A-478B, 498A-498B, 505A-505B, 622A-622B, 634A-634B, 674A-674B, 707A-707B, 715A-715B, 724A-724B, 732A-732B, 740A-740B, 797A-797B, 842A-842B, 849A-849B, 861A-861B</p>

**A Correlation of Pearson High School Mathematics
Algebra 1, Geometry, Algebra 2 Common Core, ©2015
to the Nebraska Grade 12 Math Standards**

Nebraska Grade 12 Math Standards	Pearson High School Math Algebra 1, Geometry, Algebra 2 Common Core, ©2015
<p>(Continued) Indicator MA 12.1.3.a Compute accurately with real numbers</p>	<p>Algebra 2 SE/TE: 19-21, 27-28, 42-43, 64, 69-70, 177-178, 205, 227-228, 233-236, 241-244, 249-252, 256-257 (Concept Byte), 296-298, 303-307, 367-370, 375-377, 381-385, 390-394, 436-438, 452-453, 462-465, 469-472, 479-480, 500-502, 520, 543-544, 625, 675-677, 681-684, 688-690, 697-699, 845-847, 915, 922-923, 929-931, 935 (Concept Byte), 937-939</p> <p>TE: 24A-24B, 32A-32B, 48A-48B, 67A-67B, 73A-73B, 181A-181B, 231A-231B, 239A-239B, 247A-247B, 255A-255B, 302A-302B, 310A-310B, 373A-373B, 380A-380B, 388A-388B, 397A-397B, 441A-441B, 458A-458B, 468A-468B, 476A-476B, 505A-505B, 520, 523A-523B, 548A-548B, 680A-680B, 687A-687B, 693A-693B, 702A-702B, 850A-850B, 926A-926B, 934A-934B, 937A-937B</p>
<p>Indicator MA 12.1.3.b Simplify exponential expressions</p>	<p>Algebra 1 SE/TE: 10-12, 419-420, 425-427, 428-429, 433-436, 439-442</p> <p>TE: 15A-15B, 417A-417B, 423A-423B, 431A-431B, 438A-438B, 445A-445B</p> <p>Geometry SE/TE: 890-891</p> <p>Algebra 2 SE/TE: 360 (Concept Byte), 978</p>

**A Correlation of Pearson High School Mathematics
Algebra 1, Geometry, Algebra 2 Common Core, ©2015
to the Nebraska Grade 12 Math Standards**

Nebraska Grade 12 Math Standards	Pearson High School Math Algebra 1, Geometry, Algebra 2 Common Core, ©2015
MA 12.1.4 Estimation: Students will estimate and check reasonableness of answers using appropriate strategies and tools.	
Indicator MA 12.1.4.a Use estimation methods to check the reasonableness of real number computations and decide if the problem calls for an approximation or an exact number	<p>Algebra 1 SE/TE: 17, 55, 117-118, 140, 145-147, 339, 450, 461, 463, 563, 570, 577-578, 584, 591, 615, 628, 647-648, 800</p> <p>TE: 22A-22B, 58A-58B, 121A-121B, 150A-150B, 343A-343B, 452A-452B, 466A-466B, 581A-581B, 588A-588B, 618A-618B, 651A-651B, T418</p> <p>Geometry SE/TE: 61-62, 66 (#48), 439 (Algebra Review), 492-493, 502, 508-509, 523-524, 528-529, 631, 633 (#33), 640 (#41), 641 (#47), 643-645, 705 (#27), 709-712, 734-736, 887-888</p> <p>TE: 67A-67B, 498A-498B, 505A-505B, 513A-513B, 526A-526B, 532A-532B, 648A-648B, 715A-715B, 740A-740B</p> <p>Algebra 2 SE/TE: 94-95, 205, 210-211, 228, 242, 436-438, 445, 447, 453, 470-471, 479-480, 846-847, 915, 921-923, 929-931, 937</p> <p>TE: 98A-98B, 208A-208B, 214A-214B, 231A-231B, 247A-247B, 441A-441B, 450A-450B, 458A-458B, 476A-476B, 483A-483B, 850A-850BB 918A-918B, 926A-926B, 934A-934B, 942A-942B</p>
GEOMETRIC/MEASUREMENT CONCEPTS	
MA 12.2.1 Characteristics: Students will analyze characteristics, properties, and relationships among geometric shapes and objects.	
Indicator MA 12.2.1.d Apply geometric properties to solve problems	<p>Algebra 1 SE/TE: 14 (#36), 15 (#60), 99 (#61-63), 107 (#46), 110-111, 113 (#46), 130-131, 187, 190 (#16), 205 (#43), 258 (#35), 264, 265 (#19-21), 319 (#28), 327 (#59), 330-332, 335 (#35-36), 437 (#42, 52), 494, 496 (#42-43), 502 (#29, 46), 503, 508 (#51-52), 509 (#58), 533 (#44), 534 (Pull It All Together), 565 (#42), 566 (#57), 625 (#77), 636 (#18), 666, 667 (#29-30), 668 (#40, 42, 46-47)</p>

**A Correlation of Pearson High School Mathematics
Algebra 1, Geometry, Algebra 2 Common Core, ©2015
to the Nebraska Grade 12 Math Standards**

Nebraska Grade 12 Math Standards	Pearson High School Math Algebra 1, Geometry, Algebra 2 Common Core, ©2015
<p>(Continued) Indicator MA 12.2.1.d Apply geometric properties to solve problems</p>	<p>Algebra 1 TE: 114A-114B, 136A-136B, 267A-267B, 335A-335B, 496A-496B, 503A-503B, 533A-533B, 566A-566B, 669A-669B</p> <p>Geometry SE/TE: 11-15, 34-37, 58, 59-63, 68 (Concept Byte), 140-143, 148-152, 165, 171-174, 179-180 (Concept Byte), 205 (Pull It All Together), 218-221, 226-229, 234-237, 244-245, 250-253, 265-267, 284 (Concept Byte), 285-287, 292-295, 301-304, 308 (Concept Byte), 309-311, 325-328, 332-335, 352(Concept Byte), 353-355, 359-363, 367-371, 375-378, 383-385, 389-393, 440-443, 451-455, 471-474, 522-524, 527-529, 616-618, 623-625, 629-631, 649-653, 658 (Concept Byte), 659(Concept Byte), 660-662, 667 (Concept Byte), 688-691, 699-703, 708-712, 717-720, 726-729, 733-726, 741(Concept Byte), 742-745, 762-766, 771-775, 780-783, 789 (Concept Byte), 790-793</p> <p>TE: 19A-19B, 40A-40B, 67A-67B, 146A-146B, 155A-155B, 169A-169B, 178A-178B, 224A-224B, 233A-233B, 241A-241B, 248A-248B, 256A-256B, 271A-271B, 291A-291B, 299A-299B, 307A-307B, 315A-315B, 331A-331B, 339A-339B, 355A-355B, 366A-366B, 374A-374B, 382A-382B, 388A-388B, 397A-397B, 447A-447B, 458A-458B, 478A-478B, 526A-526B, 532A-532B, 622A-622B, 628A-628B, 634A-634B, 657A-657B, 666A-666B, 695A-695B, 707A-707B, 715A-715B, 724A-724B, 732A-732B, 740A-740B, 749A-749B, 761A-761B, 769A-769B, 779A-779B, 787A-787B, 797A-797B</p> <p>Algebra 2 SE/TE: 614-617, 625, 628 (#40), 632, 636 (#35), 638-641, 645-649, 836-839, 846-847, 848 (#32-33), 921, 928-931, 935 (Concept Byte), 936-939</p> <p>TE: 620A-62B, 629A-629B, 636A-636B, 644A-644B, 652A-652B, 842A-842B, 850A-850B, 934A-934B, 942A-942B</p>

**A Correlation of Pearson High School Mathematics
Algebra 1, Geometry, Algebra 2 Common Core, ©2015
to the Nebraska Grade 12 Math Standards**

Nebraska Grade 12 Math Standards	Pearson High School Math Algebra 1, Geometry, Algebra 2 Common Core, ©2015
<p>Indicator MA 12.2.1.e Identify and apply right triangle relationships</p>	<p>Algebra 1 SE/TE: 614-616, 617 (#6-20, 22-28, 36-38), 618 (#40-42), 645-648</p> <p>TE: 618-618b, 651-651B</p> <p>Geometry SE/TE: 258-261, 460-464, 491-495, 499-502, 506 (Concept Byte), 507-509, 516-518, 891</p> <p>TE: 264A-264B, 467A-467B, 489A-489B, 498A-498B, 505A-505B, 513A-513B, 521A-521B</p> <p>Algebra 2 SE/TE: 395 (#45), 835 (Geometry Review), 919-923</p> <p>TE: 926A-926B</p>
<p>MA 12.2.2 Coordinate Geometry: Students will use coordinate geometry to analyze and describe relationships in the coordinate plane.</p>	
<p>Indicator MA 12.2.2.a Use coordinate geometry to analyze geometric situations</p>	<p>Algebra 1 SE/TE: 295-297, 315-316, 319 (#28), 323-324, 327 (#59), 330-333, 335 (#36-37)</p> <p>TE: 300A-330B, 320A-320B, 328A-328B, 335A-335B</p> <p>Geometry SE/TE: 50-53, 57(Concept Byte), 61, 189-193, 198-200, 311, 314 (#34), 400-402, 406-409, 414-415, 497 (#35), 544 (Concept Byte), 555-557, 561-563, 573, 579-580, 587-589, 594-597, 627 (#32-34, 36), 798-800</p> <p>TE: 56A-56B, 67A-67B, 196A-196B, 204A-204B, 405A-405B, 412A-412B, 418A-418B, 552A-552B, 560A-560B, 567A-567B, 576A-576B, 585A-585B, 593A-593B, 600A-600B, 803A-803B</p> <p>Algebra 2 SE/TE: 615-617, 621 (Concept Byte), 622-625, 631-633, 640-641, 647-649, 654-657, 809-811</p>

**A Correlation of Pearson High School Mathematics
Algebra 1, Geometry, Algebra 2 Common Core, ©2015
to the Nebraska Grade 12 Math Standards**

Nebraska Grade 12 Math Standards	Pearson High School Math Algebra 1, Geometry, Algebra 2 Common Core, ©2015
(Continued) Indicator MA 12.2.2.a Use coordinate geometry to analyze geometric situations	Algebra 2 TE: 620A-620B, 629A-629B, 636A-636B, 644A-644B, 652A-652B, 660A-660B, 815A-815B
Indicator MA 12.2.2.c Apply the distance formula MASTERY NOT EXPECTED	Algebra 1 For related content, please see: SE/TE: 110-111, 295 Geometry SE/TE: 52-53, 400-401, 497 (#35) TE: 56A-56B, 405A-405B Algebra 2 For related content, please see: SE/TE: 408
Indicator MA 12.2.2.d Prove special types of triangles and quadrilaterals	Algebra 1 For related content, please see SE/TE: 99 (#61-63), 107 (#46), 190 (#16), 205 (#43), 319 (#28), 327 (#59), 414 (#28), 614-616 TE: 618A-618B Geometry SE/TE: 220-221, 227-229, 234-237, 244-245, 250-253, 258-261, 265-267, 325-328, 332-334, 359-363, 367-371, 375-378, 383-385, 389-393, 499-502 TE: 217A-217B, 224A-224B, 233A-233B, 241A-241B, 248A-248B, 256A-256B, 264A-264B, 271A-271B, 331A-331B, 339A-339B, 351A-351B, 366A-366B, 374A-374B, 382A-382B, 388A-388B, 397A-397B, 505A-505B Algebra 2 For related content, please see: SE/TE: 835 (Geometry Review), 929-931, 935 (Concept Byte), 937-939, 945 (Problem #2) TE: 934A-934B, 942A-942B

**A Correlation of Pearson High School Mathematics
Algebra 1, Geometry, Algebra 2 Common Core, ©2015
to the Nebraska Grade 12 Math Standards**

Nebraska Grade 12 Math Standards	Pearson High School Math Algebra 1, Geometry, Algebra 2 Common Core, ©2015
MA 12.2.4 Spatial Modeling: Students will use visualization, spatial reasoning, and geometric modeling to solve problems.	
Indicator MA 12.2.4.b Use geometric models to visualize, describe, and solve problems	<p>Algebra 1 SE/TE: 14 (#36), 99 (#61-63), 106 (#19), 107 (#46), 112 (#32), 130-131, 149 (#24), 199 (#55), 205 (#43), 281 (#75), 319 (#28), 383 (#40), 431 (#58), 437 (#52), 444 (#70), 490 (#41), 495 (#28), 502 (#29), 507 (#17-18), 526 (#21-23), 532 (#28-29), 565 (#53-54), 571 (#34), 580 (#33), 581 (#48), 614-616, 631 (#63), 637 (#39), 645-648, 666, 668 (#40, 42, 46-47), 682 (#49)</p> <p>TE: 136A-136B, 431A-431B, 496A-496B, 509A-509B, 533A-533B, 566A-566B, 572A-572B, 581A-581B, 618A-618B, 651A-651B, 669A-669B</p> <p>Geometry SE/TE: 4-7, 68 (Concept Byte), 448-449 (Concept Byte), 556, 563, 572-573, 579-580, 587-589, 614-615 (Concept Byte), 688-691, 699-702, 708-711, 718-720, 725 (Concept Byte), 727-729, 733-735, 742</p> <p>TE: 10A-10B, 560A-560B, 567A-567B, 576A-576B, 585A-585B, 593A-593B, 695A-695B, 707A-707B, 715A-715B, 724A-724B, 732A-732B, 740A-740B, 749A-749B</p> <p>Algebra 2 SE/TE: 154 (#55-58), 164-165 (Concept Byte), 294 (#39, 44), 346 (Pull It All Together), 527 (Getting Ready), 615-617, 623-625, 631-633, 639-641, 645-649, 654-657, 801-805, 928-931, 936-939</p> <p>TE: 155A-155B, 620A-620B, 629A-629B, 636A-636B, 644A-644B, 652A-652B, 660A-660B, 808A-808B, 934A-934B, 942A-942B</p>

**A Correlation of Pearson High School Mathematics
Algebra 1, Geometry, Algebra 2 Common Core, ©2015
to the Nebraska Grade 12 Math Standards**

Nebraska Grade 12 Math Standards	Pearson High School Math Algebra 1, Geometry, Algebra 2 Common Core, ©2015
MA 12.2.5 Measurement: Students will apply the units, systems, and formulas to solve problems.	
Indicator MA 12.2.5.d Convert equivalent rates	<p>Algebra 1 SE/TE: 116-118 122-123 (Concept Byte), 126 (Problem #4)</p> <p>TE: 121A-121B, 129A-129B</p> <p>Geometry SE/TE: 62 (Problem #4), 886</p> <p>TE: 886T</p> <p>Algebra 2 For related content, please see: SE/TE: 843 (Concept Byte), 844-845</p> <p>TE: 850A-850B</p>
ALGEBRAIC CONCEPTS	
MA 12.3.1 Relationships: Students will generalize, represent, and analyze relationships using algebraic symbols.	
Indicator MA 12.3.1.a Represent, interpret, and analyze functions with graphs, tables, and algebraic notation, and convert among these representations	<p>Algebra 1 SE/TE: 234-236, 240-242, 246-249, 253-256, 260-261 (Concept Byte), 262-264, 268-271, 274-278, 282 (Pull It All Together), 301-303, 307 (Concept Byte), 308-311, 315-318, 329 (Concept Byte), 346-348, 351 (Concept Byte), 453-456, 460-463, 467-469, 546-549, 553-556, 559-560 (Concept Byte), 589-591, 639-641, 698-701, 705-709, 713 (Concept Byte)</p> <p>TE: 233A-233B, 239A-239B, 245A-245B, 251A-251B, 259A-259B, 267A-267B, 273A-273B, 281A-281B, 293A-293B, 306A-306B, 350A-350B, 459A-459B, 466A-466B, 472A-472B, 552A-552B, 558A-558B, 594A-594B, 644A-644B, 704A-704B, 712A-712B</p> <p>Geometry SE/TE: 257 (Algebra Review), 547 (Problem #3), 555 (Problem #1), 804-805 (Concept Byte)</p>

**A Correlation of Pearson High School Mathematics
Algebra 1, Geometry, Algebra 2 Common Core, ©2015
to the Nebraska Grade 12 Math Standards**

Nebraska Grade 12 Math Standards	Pearson High School Math Algebra 1, Geometry, Algebra 2 Common Core, ©2015
<p>(Continued) Indicator MA 12.3.1.a Represent, interpret, and analyze functions with graphs, tables, and algebraic notation, and convert among these representations</p>	<p>Algebra 2 SE/TE: 90-91 (Concept Byte), 99-103, 107-110, 194-198, 202-205, 209-211, 280-284, 288-292, 339-342, 398-401, 405-409, 413 (Concept Byte), 507-511, 515-520, 828-831, 851-855, 860, 861-864, 868-871, 875-879, 883-887</p> <p>TE: 106A-106B, 113A-113B, 201A-201B, 208A-208B, 214A-214B, 279A-279B, 287A-287B, 295A-295B, 345A-345B, 404A-404B, 412A-412B, 420A-420B, 441A-441B, 450A-450B, 458A-458B, 497A-497B, 505A-505B, 514A-514B, 523A-523B, 827A-827B, 834A-834B, 858A-858B, 867A-867B, 874A-874B, 882A-882B, 890A-890B</p>
<p>Indicator MA 12.3.1.c Identify the slope and intercepts of a linear relationship from an equation or graph</p>	<p>Algebra 1 SE/TE: 294-297, 308-311, 315-318, 322-325</p> <p>TE: 293A-293B, 300A-300B, 314A-314B, 320A-320B, 328A-328B</p> <p>Geometry SE/TE: 189-193, 197-200</p> <p>TE: 196A-196B, 204A-204B</p> <p>Algebra 2 SE/TE: 74-77, 81-85</p> <p>TE: 80A-80B, 88A-88B</p>
<p>Indicator MA 12.3.1.d Identify characteristics of linear and non-linear functions</p>	<p>Algebra 1 SE/TE: 246-249, 589-591, 709</p> <p>TE: 251A-251B, 594A-594B</p> <p>Geometry SE/TE: 257 (Algebra Review), 439 (Algebra Review), 491-494, 804-805 (Concept Byte)</p> <p>TE: 498A-498B</p>

**A Correlation of Pearson High School Mathematics
Algebra 1, Geometry, Algebra 2 Common Core, ©2015
to the Nebraska Grade 12 Math Standards**

Nebraska Grade 12 Math Standards	Pearson High School Math Algebra 1, Geometry, Algebra 2 Common Core, ©2015
(Continued) Indicator MA 12.3.1.d Identify characteristics of linear and non-linear functions	Algebra 2 For related content, please see: SE/TE: 76-77, 82-84, 107-108, 194-195, 215 (Concept Byte), 434-435 TE: 80A-80B, 88A-88B, 113A-113B, 201A-201B, 441A-441B
Indicator MA 12.3.1.f Compare and analyze the rate of change by using ordered pairs, tables, graphs, and equations	Algebra 1 SE/TE: 294-297, 559 (Concept Byte) TE: 293A-293B, 300A-300B Geometry SE/TE: 189-193 TE: 196A-196B Algebra 2 For related content, please see: SE/TE: 215 (Concept Byte), 437-438 TE: 441A-441B
MA 12.3.2 Modeling in Context: Students will model and analyze quantitative relationships.	
Indicator MA 12.3.2.b Represent a variety of quantitative relationships using linear equations and one variable inequalities	Algebra 1 SE/TE: 80 (Concept Byte), 81-84, 88-90, 94-97, 101 (Concept Byte), 102-105, 109-110, 164-167, 171-173, 178-181, 185 (Concept Byte), 186-189, 200-203, 308-311, 315-318, 322-325, 331-333, 338-339, 395 TE: 87A-87B, 93A-93B, 100A-100B, 108A-108B, 114A-114B, 170A-170B, 177A-177B, 183A-183B, 192A-192B, 206A-206B, 314A-314B, 320A-320B, 328A-328B, 335A-335B, 343A-343B Geometry SE/TE: 30, 36, 114-115, 154 (#22), 159, 169 (#36-39), 174-175, 189-193, 252, 257 (Algebra Review), 295, 304, 323 (Algebra Review), 325-328, 333-335, 368, 377-378, 385, 391 TE: 33A-33B, 40A-40B, 119A-119B, 163A-163B, 178A-178B, 196A-196B, 204A-204B, 256A-256B, 299A-299B, 307A-307B, 331A-331B, 339A-339B, 374A-374B, 382A-382B, 388A-388B, 397A-397B

**A Correlation of Pearson High School Mathematics
Algebra 1, Geometry, Algebra 2 Common Core, ©2015
to the Nebraska Grade 12 Math Standards**

Nebraska Grade 12 Math Standards	Pearson High School Math Algebra 1, Geometry, Algebra 2 Common Core, ©2015
(Continued) Indicator MA 12.3.2.b Represent a variety of quantitative relationships using linear equations and one variable inequalities	Algebra 2 SE/TE: 33-37, 68-70, 76-77, 81-85, 92-95, 113 (#62-64) TE: 40A-40B, 73A-73B, 80A-80B, 88A-88B, 98A-98B
MA 12.3.3 Procedures: Students will apply properties to solve equations and inequalities.	
Indicator MA 12.3.3.b Exponents MASTERY NOT EXPECTED	Algebra 1 SE/TE: 10-13, 418-421, 425-429, 433-437, 439-442, 447 (Concept Byte), 448-450, 460-463, 561-563, 567 (Concept Byte), 568-570, 576-579, 582-586 TE: 15A-15B, 423A-423B, 431A-431B, 438A-438B, 445A-445B, 452A-452B, 466A-466B, 566A-566B, 572A-572B, 581A-581B, 588A-588B Geometry For related content, please see: SE/TE: 62, 439 (Algebra Review), 491-494 TE: 67A-67B, 498A-468B Algebra 2 For related content, please see: SE/TE: 360 (Concept Byte), 381-385 TE: 388A-388B
Indicator MA 12.3.3.c Add and subtract polynomials MASTERY NOT EXPECTED	Algebra 1 SE/TE: 486-489 TE: 491A-491B
Indicator MA 12.3.3.d Multiply and divide polynomials MASTERY NOT EXPECTED	Algebra 1 SE/TE: 492-494, 497 (Concept Byte), 498-501, 504-507, 677 (Concept Byte), 678-680 TE: 496A-496B, 503A-503B, 509A-509B, 683A-683B Algebra 2 SE/TE: 303-307 TE: 310A-310B

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<p>Indicator MA 12.3.3.f Identify and generate equivalent forms of linear equations MASTERY NOT EXPECTED</p>	<p>Algebra 1 SE/TE: 81-85, 88-91, 94-97, 101 (Concept Byte), 102-105</p> <p>TE: 87A-87B, 93A-93B, 100A-100B, 108A-108B</p> <p>Geometry For related content, please see: SE/TE: 432, 434-435, 440-443, 451-454</p> <p>TE: 438A-438B, 447A-447B, 458A-458B</p> <p>Algebra 2 For related content, please see: SE/TE: 27-28</p> <p>TE: 32A-32B</p>
DATA ANALYSIS/PROBABILITY CONCEPTS	
<p>MA 12.4.1 Display and Analysis: Students will formulate a question and design a survey or an experiment in which data is collected and displayed in a variety of formats then select and use appropriate statistical methods to analyze the data.</p>	
<p>Indicator MA 12.4.1.d Describe the shape and determine the center, spread, and outliers of a data set</p>	<p>Algebra 1 SE/TE: 732-735, 738-742, 746-749, 752 (Concept Byte), 753-756, 760 (Concept Byte), 783-784 (Concept Byte), 785 (Pull It All Together), 809-813</p> <p>TE: 737A-737B, 744A-744B, 751A-751B, 759A-759B</p> <p>Geometry For related content, please see: SE/TE: 830-832, 462</p> <p>TE: 835A-835B, 467A-467B</p> <p>Algebra 2 SE/TE: 711-715, 719-721, 739-742, 748-749 (Concept Byte), 983 (Skills Handbook)</p> <p>TE: 718A-718B, 724A-724B, 745A-745B</p>

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MA 12.4.3 Probability: Students will apply and analyze concepts of probability.	
Indicator MA 12.4.3.b Identify dependent and independent events and calculate their probabilities	<p>Algebra 1 SE/TE: 769-772, 777-780</p> <p>TE: 774A-774B, 782A-782B</p> <p>Geometry SE/TE: 844-845</p> <p>TE: 849A-849B</p> <p>Algebra 2 SE/TE: 681-684, 688-689</p> <p>TE: 687A-687B, 693A-693B</p>
Indicator MA 12.4.3.c Use the appropriate counting techniques to determine the probability of an event	<p>Algebra 1 SE/TE: 762-765</p> <p>TE: 768A-768B</p> <p>Geometry SE/TE: 836-840</p> <p>TE: 842A-842B</p> <p>Algebra 2 SE/TE: 674-677</p> <p>TE: 680A-680B</p>
Indicator MA 12.4.3.d Analyze events to determine if they are mutually exclusive	<p>Algebra 1 SE/TE: 776-780</p> <p>TE: 782A-782B</p> <p>Geometry SE/TE: 845-846</p> <p>TE: 849A-849B</p> <p>Algebra 2 SE/TE: 689-690</p> <p>TE: 693A-693B</p>