|  |  |  |  |
| --- | --- | --- | --- |
| Cluster Standards | Standards | Mathematics Practices | Description |
| HSA.SSE.A. | HSA.SSE.A.1.A | SMP4 SMP7 | Interpret parts of an expression. Such as terms, factors, and coefficients |
|  | HSA.SSE. A.1.B | SMP4 SMP7 | Interpret complicated expressions by viewing one or more parts as a single entity |
|  | HSS.SSE.A.2 | SMP3 SMP8 | Use the structure of an expression to identify ways to rewrite it. |
| HSA.CED.A. | HSA.CED.A.1 | SMP1 SMP4 | Create equations and inequalities in one variable and use them to solve problems. |
|  | HSA.CED.A.2 | SMP 1 SMP3 | Create equations in two or more variables to represent relationships between quantities.  Graph Equations on coordinate axes with labels and scales |
|  | HSA.CED.A.3 | SMP1 SMP4 | Represent constraints by equations or inequalities, and by system of equations and/or inequalities, and interpret solutions as viable or non-viable options in a modeling context. |
|  | HSA.CED.A.4 | SMP1 SMP4 | Rearrange formulas to highlight quantity of interest, using the same reasoning as in solving equations. |
| HSA-REI.B | HSA-REI.B.3 | SMP1 SMP3 SMP4 | Solve linear equations and inequalities in one variable, including equations with coefficients represented by letters. |
|  | HSA-REI.B.4 | SMP1 SMP3 SMP4 | Solve quadratic equations in one variable. |
| Midterms |  |  | All above Standards. |
| HSA-REI.C | HSA-REI.C.5 | SMP3 SMP8 | Prove that given a system of two equations in two variables, replacing one equation by the sum of that equation and a multiple of the other produces a system with the same solutions. |
|  | HSA-REI-C.6 | SMP3 SMP7 | Solve systems of linear equations exactly and approximately, focusing on pairs of linear equations in two variables. |
| HSF-IF.A | HSF-IF.A1 | SMP2 SMP4 | Understand that a function from one set to another set assigns to each element of the domain exactly one element of the range. If f is a function and x is an element of the domain, then f(x) denotes the output of f corresponding to the input x. The graph of f is the graph of the equation y=f(x) |
|  | HSF-IF.A2 | SMP2 SMP6 | Use function notation, evaluate functions for inputs in their domains, and interpret statements that use function notation in terms of a context. |

**2023-2024 Pacing Guide**

**Note: Weekly Assessments are required by the school. IXL is used by the district for BOY, MOY, EOY Assessments and practice.**

|  |  |  |  |
| --- | --- | --- | --- |
| Cluster Standards | Standards | Mathematics Practices | Description |
|  | HSF-IF.A.3 | SMP4 SMP7 | Recognize that sequences are functions, sometimes defined recursively, whose domain is a subset of the integers |
| Finals |  |  | All standards after Midterms and before Finals |
|  |  |  |  |

# Works Cited

IXL Learning. (2024, February). Retrieved from IXL: https://www.ixl.com/dashboard

NMPED. (2024, February). *New Mexico Public Education Department*. Retrieved from New Mexico Instructional Scope: https://webnew.ped.state.nm.us/wp-content/uploads/2022/11/Algebra-1-NMIS-2.1.pdf

**Quarter One / Week One: 7/31/23 to 8/4/23**

|  |  |  |  |
| --- | --- | --- | --- |
| **Standards** | **Duration** | **Unit** | **I can…** |
| HSA.SSE.A.1.A  HSA.SSE. A.1.B  HSA.CED.A.1 | 1 Week | Solving One and Two Step Linear Equations and Inequalities | I can solve one-step and two-step equations. |
| **Lesson Standards** | **Duration** | **Lesson** | **Learning Objectives** |
| HSA.SSE.A.1.A  HSA.CED.A.1 | 1 Day | Solve One-Step Linear Equations  [IXL Code: E2Z] | Identify parts of an Expression.  Solve One-Step Linear Equations |
| HSA.SSE. A.1.B  HSA.CED.A.1 | 1 Day | Solve Two-Step Linear Equations  [IXL Code: JXD] | Interpret complicated expressions by viewing one or more parts as a single entity.  Solve Two-Step Linear Equations |
| HSA.SSE. A.1.B  HSA.CED.A.1 | 2 Days | Solve One-Step and Two-Step Equations [Word Problems]  [IXL Code: UFG] | Interpret complicated expressions by viewing one or more parts as a single entity.  Solve One and Two Step equation word problems. |
| HSA.SSE.A.1.A  HSA.SSE. A.1.B  HSA.CED.A.1 | 1 Day | Weekly Assessment | Assessment of this week’s material |

**Quarter One / Week Two: 8/7/23 to 8/11/23**

|  |  |  |  |
| --- | --- | --- | --- |
| **Standards** | **Duration** | **Unit** | **I can…** |
| HSA.SSE.A.1.A  HSA.SSE. A.1.B  HSA.CED.A.1 | 1 Week | Solve One Step Linear Inequalities | I can solve one-step inequalities. |
| **Lesson Standards** | **Duration** | **Lesson** | **Learning Objectives** |
| HSA.SSE.A.1.A  HSA.SSE. A.1.B  HSA.CED.A.1 | 2 Days | Solve One Step Linear Inequalities  [Part I]  [IXL Code: R2V] | Addition and Subtraction of One Step Linear Inequalities. |
| HSA.SSE.A.1.A  HSA.SSE. A.1.B  HSA.CED.A.1 | 2 Days | Solve One Step Linear Inequalities  [Part II]  [IXL Code: BRJ] | Multiplication and Division of One Step Linear  Inequalities. |
| HSA.SSE.A.1.A  HSA.SSE. A.1.B  HSA.CED.A.1 | 1 Day | Weekly Assessment | Assessment of the week’s materials. |

**Quarter One / Week Three: 8/14/23 to 8/18/23**

|  |  |  |  |
| --- | --- | --- | --- |
| **Standards** | **Duration** | **Unit** | **I can…** |
| HSA.SSE.A.2  HSA.CED.A.1 | 1 Week | Solve Two Step Linear Inequalities | I can solve and graph multi-step inequalities. |
| **Lesson Standards** | **Duration** | **Lesson** | **Learning Objectives** |
| HSA.SSE.A.2  HSA.CED.A.1 | 2 Days | Solve Two Step Linear Inequalities  [IXL Code: NPZ] | Solve multi-step inequalities. |
| HSA.SSE.A.2  HSA.CED.A.1 | 2 Days | Graph Two Step Linear Inequalities  [IXL Code: XVM] | Graph multi-step inequalities. |
| HSA.SSE.A.2  HSA.CED.A.1 | 1 Day | Weekly Assessment | Assessment of the week’s materials. |

**Quarter One / Week Four: 8/21/23 to 8/25/23**

|  |  |  |  |
| --- | --- | --- | --- |
| **Standards** | **Duration** | **Unit** | **I can…** |
| HSA.CED.A.2 | 1 week | Graphing Linear Equations and Functions | I can graph linear equations and functions. |
| **Lesson Standards** | **Duration** | **Lesson** | **Learning Objectives** |
| HSA.CED.A.2 | 1 day | Finding Slope from a Graph  [IXL Code: D7M] | Find slope using a graph |
| HSA.CED.A.2 | 1 day | Finding Slope from a Table  [IXL Code: GUP] | Find slope using a table |
| HSA.CED.A.2 | 2 days | Finding slope with Two Points  [IXL Code: MD5] | Find slope using the formula |
|  | **1 day** | **Summative Assessment** | **Assessment over last four weeks of materials.** |

**Quarter One / Week Five: 8/28/23 to 9/1/23**

|  |  |  |  |
| --- | --- | --- | --- |
| **Standards** | **Duration** | **Unit** | **I can…** |
| HSA.CED.A.2 | 1 Week | Point Slope Form | I can write and graph equations in point-slope form. |
| **Lesson Standards** | **Duration** | **Lesson** | **Learning Objectives** |
| HSA.CED.A.2 | 2 Day | Write an Equation in Point-Slope Form  [IXL Code: PPE] | Write an equation in form. |
| HSA.CED.A.2 | 2 Day | Point Slope Form: Graph an Equation  [IXL Code: F8H] | Graph an equation using point-slope form. |
| HSA.CED.A.2 | 1 Day | Weekly Assessment | Assessment of the week’s materials |

**Quarter One / Week Six: 9/5/23 to 9/8/23**

|  |  |  |  |
| --- | --- | --- | --- |
| **Standards** | **Duration** | **Unit** | **I can…** |
| HSA.CED.A.2 | 4 Days | Slope Intercept Form | I can write and graph equations in slope intercept form. |
| **Lesson Standards** | **Duration** | **Lesson** | **Learning Objectives** |
| HSA.CED.A.2 | 1 Day | Slope Intercept: Write an Equation from a Graph and Table  [IXL Code: 9GW]  [IXL Code: SSE] | Use a graph and table to write an equation in |
| HSA.CED.A.2 | 1 Day | Slope Intercept: Graph an Equation  [IXL Code: UWB] | Graph an equation from an equation in |
| HSA.CED.A.2 | 1 Day | Slope Intercept: Write an Equation  [IXL Code: A42] | Write an equation in |
| HSA.CED.A.2 | 1 Day | Weekly Assessment | Assessment of the week’s materials |

9/4/23: No School Labor Day

**Quarter One / Week Seven: 9/11/23 to 9/14/23**

|  |  |  |  |
| --- | --- | --- | --- |
| **Standards** | **Duration** | **Unit** | **I can…** |
| HSA.CED.A.2 | 4 Days | Standard Form | I can write and graph equations in Ax + By = C form. |
| **Lesson Standards** | **Duration** | **Lesson** | **Learning Objectives** |
| HSA.CED.A.2 | 1 Day | Write Linear Equations in Standard Form  [IXL Code: ESP] | Write linear equations in in Ax + By = C form |
| HSA.CED.A.2 | 1 Day | Graph an Equation in Standard Form  [IXL Code: U6U] | Graph Ax + By = C equations |
| HSA.CED.A.2 | 1 Day | Review | Review Week’s materials |
| HSA.CED.A.2 | 1 Day | Weekly Assessment | Assessment of week’s materials |

9/15/23: No School P/T Conferences

**Quarter One / Week Eight: 9/18/23 to 9/22/23**

|  |  |  |  |
| --- | --- | --- | --- |
| **Standards** | **Duration** | **Unit** | **I can…** |
| HSA.CED.A.3 | 1 Week | Systems of Equations | I can graph and solve systems of equations.  I can solve systems of equations by substitution. |
| **Lesson Standards** | **Duration** | **Lesson** | **Learning Objectives** |
| HSA.CED.A.3 | 2 Days | Systems of Equations: Graphing  [IXL Code: BVB] | Solve systems of equations by graphing. |
| HSA.CED.A.3 | 2 Days | Systems of Equations: Substitution  [IXL Code: US9] | Solve systems of equations by substitution |
|  | **1 Day** | **Summative Assessment** | **Assessment over last four weeks of materials.** |

**Quarter One / Week Nine: 9/25/23 to 9/29/23**

|  |  |  |  |
| --- | --- | --- | --- |
| **Standards** | **Duration** | **Unit** | **I can…** |
| HSA.CED.A.3 | 1 Week | Systems of Equations | I can solve systems of equations by elimination.  I can solve systems of equations using all methods. |
| **Lesson Standards** | **Duration** | **Lesson** | **Learning Objectives** |
| HSA.CED.A.3 | 2 Days | Systems of Equations: Elimination  [IXL Code: NHR] | Solve system of equations by elimination |
| HSA.CED.A.3 | 2 Days | System of Equations: All methods  [IXL Code: GDQ] | Solve systems of equations using any method. |
| HSA.CED.A.3 | 1 Day | Weekly Assessment | Assessment over this week’s materials. |

9/29/23: GRADES DUE: END QUARTER ONE

**Quarter Two / Week One: 10/2/23 to 10/6/23**

|  |  |  |  |
| --- | --- | --- | --- |
| **Standards** | **Duration** | **Unit** | **I can…** |
| HSA.CED.A.4 | 1 Week | Multi-Variable Equations & Inequalities | I can rearrange multi-variable equations |
| **Lesson Standards** | **Duration** | **Lesson** | **Learning Objectives** |
| HSA.CED.A.4 | 2 Days | Rearrange Multi-variable Equations  [IXL Code: WSJ] | Rearrange formulas to highlight a quantity of interest. |
| HSA.CED.A.3 | 2 Days | Write Two-Variable Inequalities  [IXL Code: ZAY] | Write two variable inequalities from word problems. |
| HSA.CED.A.3  HSA.CED.A.4 | 1 Day | Weekly Assessment | Assessment over this week’s materials. |

**Quarter Two / Week Two: 10/9/23 to 10/13/23**

|  |  |  |  |
| --- | --- | --- | --- |
| **Standards** | **Duration** | **Unit** | **I can…** |
| HSA-REI.B.3 | 1 Week | Reasoning with Equations | I can solve equations as a process of reasoning and explain the reasoning. |
| **Lesson Standards** | **Duration** | **Lesson** | **Learning Objectives** |
| HSA-REI.B.3 | 2 Days | Multi-step Linear Equations  [IXL Code: 28N] | Solve multi-step linear equations |
| HSA-REI.B.3 | 2 Days | Linear Equations with Variables on Both Sides  [IXL Code: 7S7] | Solve linear equations with variables on both sides |
| HSA-REI.B.3 | 1 Day | Weekly Assessment | Assessment over this week’s materials |

**Quarter Two / Week Three: 10/16/23 to 10/20/23**

|  |  |  |  |
| --- | --- | --- | --- |
| **Standards** | **Duration** | **Unit** | **I can…** |
| HSA-REI.B.3 | 1 Week | Reasoning with Inequalities | I can solve and identify solutions to inequalities. |
| **Lesson Standards** | **Duration** | **Lesson** | **Learning Objectives** |
| HSA-REI.B.3 | 1 Day | Identify Solutions to Inequalities  [IXL Code: 5UE] | Identify solutions to inequalities. |
| HSA-REI.B.3 | 1 Day | Solve One-Step Inequalities [Part I]  [IXL Code: RZV] | Solve one-step linear inequalities by addition and subtraction. |
| HSA-REI.B.3 | 1 Day | Solve One-Step Inequalities [Part II]  [IXL Code: BRJ] | Solve one-step linear inequalities by multiplication and division. |
|  | **1 Day** | **Summative Assessment** | **Assess over the last four weeks materials** |

**Quarter Two / Week Four: 10/23/23 to 10/27/23**

|  |  |  |  |
| --- | --- | --- | --- |
| **Standards** | **Duration** | **Unit** | **I can…** |
| HSA-REI.B.3 | 1 Week | Solving Inequalities | I can solve linear inequalities. |
| **Lesson Standards** | **Duration** | **Lesson** | **Learning Objectives** |
| HSA-REI.B.3 | 1 Day | Solve One-step Linear Inequalities  [IXL Code: EEX] | Solve one step inequalities. |
| HSA-REI.B.3 | 1 Day | Solve Two-step Linear Inequalities  [IXL Code: NPZ] | Solve two step inequalities. |
| HSA-REI.B.3 | 2 Days | Solve Advanced Linear Inequalities  [IXL Code: 9K8] | Solve advanced linear inequalities. |
|  | 1 Day | Weekly Assessment | Assessment over this week’s materials |

**Quarter Two / Week Five: 10/30/23 to 11/3/23**

|  |  |  |  |
| --- | --- | --- | --- |
| **Standards** | **Duration** | **Unit** | **I can…** |
| HSA-REI.B.3  HSA-REI.B.4 | 1 Week | Compound Inequalities  Solving Quadratic Equations | I can solve compound inequalities.  I can solve quadratic equations in one variable. |
| **Lesson Standards** | **Duration** | **Lesson** | **Learning Objectives** |
| HSA-REI.B.3 | 2 Days | Solve Compound Inequalities  [IXL Code: GXA] | Solve compound inequalities |
| HAS-REI.B.4 | 2 Days | Completing the Square: Part I  [IXL Code: RD2] | Solve quadratic equations by completing the square |
| HSA-REI.B.3  HSA-REI.B.4 | 1 Day | Weekly Assessment | Assessment over this week’s materials |

**Quarter Two / Week Six: 11/6/23 to 11/10/23**

|  |  |  |  |
| --- | --- | --- | --- |
| **Standards** | **Duration** | **Unit** | **I can…** |
| HSA-REI.B.4 | 1 Week | Solve Quadratic Equations | I can solve quadratic equations. |
| **Lesson Standards** | **Duration** | **Lesson** | **Learning Objectives** |
| HSA-REI.B.4 | 2 Days | Solve Quadratic Equation using Square Roots  [IXL Code: ERF] | Solve quadratic equations using square roots |
| HSA-REI.B.4 | 2 Days | Completing the Square: Part II  [IXL Code: XCL] | Solve a quadratic equation by completing the square. |
| HSA-REI.B.4 | 1 Day | Weekly Assessment | Assessment over this week’s materials |

**Quarter Two / Week Seven: 11/13/23 to 11/17/23**

|  |  |  |  |
| --- | --- | --- | --- |
| **Standards** | **Duration** | **Unit** | **I can…** |
| HSA-REI.B.4 | 1 Week | Solving Quadratic Equations: Factoring | I can solve quadratic equations by factoring. |
| **Lesson Standards** | **Duration** | **Lesson** | **Learning Objectives** |
| HSA-REI.B.4 | 2 Days | Solve Quadratic Equations: Zero Product Property  [IXL Code: TNM] | Solve a quadratic equation using the zero-product property. |
| HSA-REI.B.4 | 2 Days | Solve Quadratic Equations: Factoring  [IXL Code: CSS] | Solve a quadratic equation by factoring. |
|  | **1 Day** | **Summative Assessment** | **Assessment over the last four weeks materials** |

**NO SCHOOL: Thanksgiving Break: 11/20/23 to 11/24/23**

**Quarter Two / Week Eight: 11/27/23 to 12/1/23**

|  |  |  |  |
| --- | --- | --- | --- |
| **Standards** | **Duration** | **Unit** | **I can…** |
| HSA-REI.B.4 | 1 Week | Quadratic Formula | I can solve equations using the quadratic formula. |
| **Lesson Standards** | **Duration** | **Lesson** | **Learning Objectives** |
| HSA-REI.B.4 | 2 Days | Solve a quadratic equation using the quadratic formula  [IXL Code: XCF] | Solve equations with the quadratic formula |
| HSA-REI.B.4 | 2 Days | Using the Discriminant  [IXL Code: SMF] | Using the discriminant. |
| HSA-REI.B.4 | 1 Day | Weekly Assessment | Assessment over this week’s materials |

**Quarter Two / Week Nine: 12/4/23 to 12/8/23**

|  |  |  |  |
| --- | --- | --- | --- |
| **Standards** | **Duration** | **Unit** | **I can…** |
| **Midterms** | 1 Week | Review for Midterms | [All prior I can…] |
| **Lesson Standards** | **Duration** | **Lesson** | **Learning Objectives** |
|  | 5 Days | Review | Review over topics struggled with previously |

**Quarter Two / Week Ten: 12/11/23 to 12/15/23**

|  |  |  |  |
| --- | --- | --- | --- |
| **Standards** | **Duration** | **Unit** | **I can…** |
| **Midterms** | 4 Days | Midterms | [All prior I can…] |
| **Lesson Standards** | **Duration** | **Lesson** | **Learning Objectives** |
|  | 3 Days | Midterms |  |
|  | 1 Day | Checkpoint: Linear Equations & Inequalities  [IXL Code: VYL]  Checkpoint: Quadratic Equations  [IXL Code: NXG] | Review over most recent content |

12/15/23 GRADES DUE: END QUARTER TWO

**NO SCHOOL: Winter Break: 12/18/23 to 1/3/24**

**Quarter Three / Week One: 1/4/24 to 12/5/24**

|  |  |  |  |
| --- | --- | --- | --- |
| **Standards** | **Duration** | **Unit** | **I can…** |
| HSA-REI.C.6 | 1 Week | Solve Systems of Equations | I can solve systems of equations by graphing and substitution. |
| **Lesson Standards** | **Duration** | **Lesson** | **Learning Objectives** |
| HSA-REI.C.6 | 2 Days | System of Equations: Graphing  [IXL Code: TSS] | Solve a system of equations by graphing |
| HSA-REI.C.6 | 2 Days | Systems of Equations: Substitution  [IXL Code: 8P9] | Solve a system of equations by substitution |
| HSA-REI.C.5 | 1 Day | Weekly Assessment | Assessment over this week’s materials |

**Quarter Three / Week Two: 1/8/24 to 1/12/24**

|  |  |  |  |
| --- | --- | --- | --- |
| **Standards** | **Duration** | **Unit** | **I can…** |
| HSA-REI.C.5  HSA-REI.C.6 | 1 Week | Solving Systems of Equations | I can solve systems of equations by elimination. |
| **Lesson Standards** | **Duration** | **Lesson** | **Learning Objectives** |
| HSA-REI.C.5  HSA-REI.C.6 | 2 Days | System of Equations: Elimination  [IXL Code: A48] | Solve a system of equations by elimination. |
| HSA-REI.C.5  HSA-REI.C.6 | 2 Days | System of Equations: Any Method  [IXL Code: HLV] | Solve a system of equations using graphing, substitution, and elimination |
| HSA-REI.C.5  HSA-REI.C.6 | 1 Day | Weekly Assessment | Assessment over this week’s materials. |

**Quarter Three / Week Three: 1/16/24 to 1/19/24**

|  |  |  |  |
| --- | --- | --- | --- |
| **Standards** | **Duration** | **Unit** | **I can…** |
| HSF-IF.A.1 | 4 Days | Functions | I can understand the concept of a function and use function notation. |
| **Lesson Standards** | **Duration** | **Lesson** | **Learning Objectives** |
| HSF-IF.A.1 | 1 Day | Independent and Dependent Variables  [IXL Code: N55] | Identify independent and dependent variables |
| HSF-IF.A.1 | 2 Days | Identify Functions  [IXL Code: VLL] | Identify Functions |
| HSF-IF.A.1 | 1 Day | Weekly Assessment | Assessment of this week’s materials |

1/15/24: No School: MLK

**Quarter Three / Week Four: 1/22/24 to 1/26/24**

|  |  |  |  |
| --- | --- | --- | --- |
| **Standards** | **Duration** | **Unit** | **I can…** |
| HSF-IF.A.1 | 1 Week | Functions | I can identify functions using the vertical line test.  I can complete a function table from a graph. |
| **Lesson Standards** | **Duration** | **Lesson** | **Learning Objectives** |
| HSF-IF.A.1 | 2 Days | Functions: Vertical Line Test  [IXL Code: HLX] | Identify functions by the vertical line test |
| HSF-IF.A.1 | 2 Days | Find Values using Function Graphs  [IXL Code: QCG] | Find values using function graphs |
|  | **1 Day** | **Summative Assessment** | **Summative assessment for material over last four weeks** |

**Quarter Three / Week Five: 1/29/24 to 2/2/24**

|  |  |  |  |
| --- | --- | --- | --- |
| **Standards** | **Duration** | **Unit** | **I can…** |
| HSF-IF.A.1 | 1 Week | Functions | I can complete a function table. |
| **Lesson Standards** | **Duration** | **Lesson** | **Learning Objectives** |
| HSF-IF.A.1 | 2 Days | Complete a function table from a graph  [IXL Code: HXF] | Complete a function table from a graph |
| HSF-IF.A.1 | 2 Days | Complete a function table from an equation  [IXL Code: Z73] | Complete a function table from an equation |
| HSF-IF.A.1 | 1 Day | Weekly Assessment | Assessment of this week’s materials |

**Quarter Three / Week Six: 2/5/24 to 2/9/24**

|  |  |  |  |
| --- | --- | --- | --- |
| **Standards** | **Duration** | **Unit** | **I can…** |
| HSF-IF.A.1 | 1 Week | Functions | I can understand and use domain and range. |
| **Lesson Standards** | **Duration** | **Lesson** | **Learning Objectives** |
| HSF-IF.A.1 | 2 Days | Domain and Range Relations  [IXL Code: 2CG] | Domain and Range relations |
| HSF-IF.A.1 | 1 Day | Domain and Range of Exponential Functions: Graphs  [IXL Code: ANC] | Domain and Range of Exponential Functions: Graphs |
| HSF-IF.A.1 | 1 Day | Domain and Range of Exponential Functions: Equations  [IXL Code: DZE] | Domain and Range of Exponential Functions: Equations |
| HSF-IF.A.1 | 1 Day | Weekly Assessment | Assessment over this week’s materials |

**Quarter Three / Week Seven: 2/12/24 to 2/16/24**

|  |  |  |  |
| --- | --- | --- | --- |
| **Standards** | **Duration** | **Unit** | **I can…** |
| HSF-IF.A.1 | 1 Week | Functions | I can understand and use domain and range. |
| **Lesson Standards** | **Duration** | **Lesson** | **Learning Objectives** |
| HSF-IF.A.1 | 2 Days | Domain and Range of Quadratic Functions: Graphs  [IXL Code: HFR] | Domain and Range of Quadratic Functions: Graphs |
| HSF-IF.A.1 | 2 Days | Domain and Range of Quadratic Functions: Equations  [IXL Code: 4J7] | Domain and Range of Quadratic Functions: Equations |
| HSF-IF.A.1 | 1 Day | Weekly Assessment | Assessment over this week’s materials |

**Quarter Three / Week Eight: 2/20/24 to 2/23/24**

|  |  |  |  |
| --- | --- | --- | --- |
| **Standards** | **Duration** | **Unit** | **I can…** |
| HSF-IF.A.1 | 1 Week | Functions | I can understand and use domain and range. |
| **Lesson Standards** | **Duration** | **Lesson** | **Learning Objectives** |
| HSF-IF.A.1 | 1 Days | Domain and Range of Absolute Value Functions: Graphs  [IXL Code: NV7] | Domain and Range of Absolute Value Functions: Graphs |
| HSF-IF.A.1 | 2 Day | Domain and Range of Absolute Value Functions: Equations  [IXL Code: FCY] | Domain and Range of Absolute Value Functions: Equations |
|  | **1 Day** | **Summative Assessment** | **Summative Assessment for material the last four weeks.** |

2/19/24: No School President’s Day

**Quarter Three / Week Nine: 2/26/24 to 3/1/24**

|  |  |  |  |
| --- | --- | --- | --- |
| **Standards** | **Duration** | **Unit** | **I can…** |
| HSF-IF.A.1 | 1 Week | Functions | I can understand and use domain and range. |
| **Lesson Standards** | **Duration** | **Lesson** | **Learning Objectives** |
| HSF-IF.A.1 | 2 Days | Domain and Range of Square Root Functions: Graphs  [IXL Code: UXG] | Domain and Range of Square Root Functions: Graphs |
| HSF-IF.A.1 | 2 Days | Domain and Range of Square Root Functions: Equations  [IXL Code: 73C] | Domain and Range of Square Root Functions: Equations |
| HSF-IF.A.1 | 1 Day | Weekly Assessment | Assessment over this week’s material. |

**Quarter Three / Week Nine: 3/4/24 to 3/8/24**

|  |  |  |  |
| --- | --- | --- | --- |
| **Standards** | **Duration** | **Unit** | **I can…** |
| HSF-IF.A.2 | 1 Week | Functions | I can evaluate a function and use function notation. |
| **Lesson Standards** | **Duration** | **Lesson** | **Learning Objectives** |
| HSF-IF.A.2 | 2 Days | Evaluate a function  [IXL Code: R96] | Evaluate a function. |
| HSF-IF.A.2 | 2 Days | Evaluate a function: Plug in an Expression  [IXL Code:VNZ] | Evaluate a function: Plug in an Expression |
| HSF-IF.A.2 | 1 Day | Weekly Assessment | Assessment of this week’s materials |

**Quarter Three / Week Ten: 3/11/24 to 3/15/24**

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| --- | --- | --- | --- |
| **Standards** | **Duration** | **Unit** | **I can…** |
| HSF-IF.A.2 | 1 Week | Functions | I can evaluate a function and use function notation. |
| **Lesson Standards** | **Duration** | **Lesson** | **Learning Objectives** |
| HSF-IF.A.2 | 2 Days | Evaluate piecewise-defined functions  [IXL Code: 86S] | Evaluate piecewise-defined functions |
| HSF-IF.A.2 | 2 Days | Evaluate an exponential function  [IXL Code: D6H] | Evaluate an exponential function |
| HSF-IF.A.2 | 1 Day | Weekly Assessment | Assessment of this week’s materials |

**NO SCHOOL: Spring Break: 3/18/23 to 3/29/24**

**Grades Due: 3/18/24**

**Quarter Four / Week One: 4/1/24 to 4/5/24**

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| --- | --- | --- | --- |
| **Standards** | **Duration** | **Unit** | **I can…** |
| HSF-IF.A.2 | 1 Week | Functions | I can use function graphs and tables. |
| **Lesson Standards** | **Duration** | **Lesson** | **Learning Objectives** |
| HSF-IF.A.2 | 2 Days | Find Values using Function Graphs  [IXL Code: QCG] | Find Values using Function Graphs |
| HSF-IF.A.2 | 2 Days | Complete a Function Table from a Graph  [IXL Code: HXF] | Complete a Function Table from a Graph |
| HSF-IF.A.2 | 1 Day | Weekly Assessment | Assessment covering this week’s materials |

**Quarter Four / Week Two: 4/8/24 to 4/12/24**

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| --- | --- | --- | --- |
| **Standards** | **Duration** | **Unit** | **I can…** |
| HSF-IF.A.2 | 1 Week | Functions | I can use function graphs and tables. |
| **Lesson Standards** | **Duration** | **Lesson** | **Learning Objectives** |
| HSF-IF.A.2 | 1 Day | Complete a Function Table from an Equation  [IXL Code: Z73] | Complete a Function Table from an Equation |
| HSF-IF.A.2 | 1 Day | Complete a Function Table: Quadratic Functions | Complete a Function Table: Quadratic Functions |
| HSF-IF.A.2 | 1 Day | Complete a Function Table: Absolute Value Functions  [IXL Code: 2DH] | Complete a Function Table: Absolute Value Functions |
| HSF-IF.A.2 | 1 Day | Weekly Assessment | Assessment over this week’s materials |

**Quarter Four / Week Three: 4/15/24 to 4/19/24**

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| --- | --- | --- | --- |
| **Standards** | **Duration** | **Unit** | **I can…** |
| HSF-IF.A.3 | 1 Week | Sequences | I can recognize sequences are functions. |
| **Lesson Standards** | **Duration** | **Lesson** | **Learning Objectives** |
| HSF-IF.A.3 | 1 Day | Identify Arithmetic and Geometric Sequences  [IXL Code: X76] | Identify Arithmetic and Geometric Sequences |
| HSF-IF.A.3 | 1 Day | Evaluate Variable Expressions for Number Sequences  [IXL Code: PMN] | Evaluate Variable Expressions for Number Sequences |
| HSF-IF.A.3 | 1 Day | Sequences: Mixed Review | Mixed Review |
| HSF-IF.A.3 | 1 Day | Weekly Assessment | Assessment over this week’s materials |

**Quarter Four / Week Four: 4/22/24 to 4/26/24**

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| --- | --- | --- | --- |
| **Standards** | **Duration** | **Unit** | **I can…** |
| HSF-IF.A.3 | 1 Week | Sequences | I can identify arithmetic and geometric sequences. |
| **Lesson Standards** | **Duration** | **Lesson** | **Learning Objectives** |
| HSF-IF.A.3 | 2 Days | Identify Arithmetic and Geometric Sequences  [IXL Code: ALG] | Identify Arithmetic and Geometric Sequences |
| HSF-IF.A.3 | 2 Days | Write Variable Expressions for Arithmetic Expressions  [IXL Code: 5VF] | Write Variable Expressions for Arithmetic Expressions |
|  | **1 Day** | **Summative Assessment** | **Summative Assessment for materials over last four weeks** |

**Quarter Four / Week Five: 4/29/24 to 5/3/24**

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| --- | --- | --- | --- |
| **Standards** | **Duration** | **Unit** | **I can…** |
| HSF-IF.A.3 | 1 Week | Sequences | I can write variable expressions geometric sequences. |
| **Lesson Standards** | **Duration** | **Lesson** | **Learning Objectives** |
| HSF-IF.A.3 | 2 Days | Geometric Sequences  [IXL Code: HLJ] | Geometric Sequences |
| HSF-IF.A.3 | 2 Days | Write Variable Expressions for Geometric Sequences  [IXL Code: XPC] | Write Variable Expressions for Geometric Sequences |
| HSF-IF.A.3 | 1 Days | Weekly Assessment | Assessment for this week’s materials |

**Quarter Four / Week Six: 5/6/24 to 5/10/24**

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| --- | --- | --- | --- |
| **Standards** | **Duration** | **Unit** | **I can…** |
| HSF-IF.A.3 | 1 Week | Sequences | I can evaluate and write formulas for recursive formulas. |
| **Lesson Standards** | **Duration** | **Lesson** | **Learning Objectives** |
| HSF-IF.A.3 | 2 Days | Evaluate recursive formulas for sequences  [IXL Code: 9YD] | Evaluate recursive formulas for sequences |
| HSF-IF.A.3 | 2 Days | Write a formula for a recursive sequence  [IXL Code: KP9] | Write a formula for a recursive sequence |
| HSF-IF.A.3 | 1 Day | Weekly Assessment | Assessment for this week’s materials |

**Quarter Four / Week Seven: 5/13/24 to 5/17/24**

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| --- | --- | --- | --- |
| **Standards** | **Duration** | **Unit** | **I can…** |
| HSF-IF.A.3 | 1 Week | Sequences | I can identify a sequence as explicit or recursive. |
| **Lesson Standards** | **Duration** | **Lesson** | **Learning Objectives** |
| HSF-IF.A.3 | 3 Days | Identify a sequence as explicit or recursive  [IXL Code: Y9B] | Identify a sequence as explicit or recursive |
| HSF-IF.A.3 | 1 Day | Weekly Assessment | Assessment for this Week’s Materials |

**Quarter Four / Week Eight: 5/20/24 to 5/24/24**

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| --- | --- | --- | --- |
| **Standards** | **Duration** | **Unit** | **I can…** |
| **Finals** | 1 Week | Review For Finals | [All prior I can…] |
| **Lesson Standards** | **Duration** | **Lesson** | **Learning Objectives** |
| **Finals** | 1 Week | Review | Review over topics struggled with previously |

**Quarter Four / Week Nine: 5/28/24 to 4/31/24**

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| --- | --- | --- | --- |
| **Standards** | **Duration** | **Unit** | **I can…** |
| **Finals** | 4 Days | **Finals** |  |
| **Lesson Standards** | **Duration** | **Lesson** | **Learning Objectives** |
|  |  | **Finals** |  |

5/27/2024 No School: Memorial Day

5/31/2024 Last Day for Students and Teachers

# Works Cited

IXL Learning. (2024, February). Retrieved from IXL: https://www.ixl.com/dashboard

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