

GRADE 7

MATH INDEX

Domain	Lesson	Focus	Standard(s)	ELD Standards
	1	Unit Rate	7.RP.1: Compute unit rates associated with ratios of fractions, including ratios of lengths,	ELD.PI.7.1: Exchanging information/ideas via oral communication and conversations. ELD.PI.7.5: Listen actively and ask/ answer questions about what was heard. ELD.PI.7.6: Reading closely and explaining interpretations/ideas from
	2	Unit Rate		
	3	Unit Rate	areas and other quantities measured in like or different units.	
	4	Unit Rate	interest dist.	
	E1	Evaluation – Unit Rate		reading.  ELD.PI.7.10: Composing/writing literary
	P1	Performance Lesson #1 – Using Unit Ro	ntes <b>(7.RP.1)</b>	and informational texts.
	5	Proportional Relationships	7.RP.2a: Decide whether two quantities are in a proportional relationship,.	ELD.PI.7.1: Exchanging information/ideas via oral
	6	Proportional Relationships		communication and conversations. <b>ELD.PI.7.5:</b> Listen actively and ask/
	7	Proportional Relationships	7.RP.2a, 7.RP.2b: Identify the constant of proportionality (unit rate) in tables, graphs,	answer questions about what was heard.  ELD.PI.7.6: Reading closely and
7.RP.3)	8	Proportional Relationships	equations, diagrams, and verbal descriptions of proportional relationships.	explaining interpretations/ideas from reading.
	E2	Evaluation – Proportional Relationships		ELD.PI.7.10: Composing/writing literary and informational texts.
<b>ship</b> 7.RP.	9	Proportional Relationships	7.RP.2a, 7.RP.2b	ELD.PI.7.5: Listen actively and ask/
catios & Proportional Relationships	10	Proportional Relationships	7.Nr.2a, 7.Nr.2b	answer questions about what was heard.
	11	Multistep Ratio Problems	7.RP.3: Use proportional relationships to	ELD.PI.7.6: Reading closely and explaining interpretations/ideas from reading. ELD.PI.7.10: Composing/writing literary
<b>al R</b> s Sta	12	Multistep Ratio Problems	solve multi-step ratio and percent problems.	
<b>tion</b> a	E3	Evaluation – Proportional Relationships	7.RP.2a, 7.RP.2b, 7.RP.3	and informational texts.
<b>por</b> elatic	13	Multistep Ratio Problems	7.RP.3	ELD.PI.7.5: Listen actively and ask/ answer questions about what was heard. ELD.PI.7.6: Reading closely and explaining interpretations/ideas from reading. ELD.PI.7.10: Composing/writing literary and informational texts.
<b>Prc</b> Pal Re	14	Multistep Ratio Problems		
s &	15	Simple Interest		
<b>atic</b> 'ropc	16	Multistep Ratio Problems		
<b>R</b> (Ratios & F	<b>E4</b>	Evaluation – Simple Interest		
Ratic	17	Sales Tax & Gratuities	7.RP.3	ELD.PI.7.5: Listen actively and ask/ answer questions about what was heard. ELD.PI.7.6: Reading closely and explaining interpretations/ideas from reading.
)	18	Sales Tax & Gratuities		
	19	Discount		
	20	Discount		
	<b>E5</b>	Tax, Gratuity, & Discount		
	21	Markup	7.RP.3	ELD.PI.7.5: Listen actively and ask/
	22	Markup		answer questions about what was heard.
	23	Commission & Fees		ELD.PI.7.6: Reading closely and explaining interpretations/ideas from
	24	Commission & Fees		reading.  ELD.PI.7.10: Composing/writing literary and informational texts.
	<b>E6</b>	Commission & Fees		
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Domain	Lesson	Focus	Standard(s)	ELD Standards
	25	Percent Increase/Decrease	info	
Ratios & Proportional Relationships	26	Percent Increase/Decrease		ELD.PI.7.1: Exchanging information/ideas via oral communication and conversations.
	27	Percent Error	7.RP.3	ELD.PI.7.5: Listen actively and ask/ answer questions about what was heard.
	28	Percent Increase, Decrease, & Error		ELD.PI.7.6: Reading closely and explaining interpretations/ideas from
	<b>E7</b>	Evaluation – Markdown, Markup, Commission & Percent of Change		reading.  ELD.PI.7.10: Composing/writing literary and informational texts.
	P2	Performance Lesson #2 – Exploring Pro	portionality <b>(7.RP.2a, 7.RP.2b, 7.RP.3)</b>	and informational texts.
	1	Opposite Quantities on the # Line	7.NS.1a: Describe situations in which opposite	
	2	Opposite Quantities on the # Line	quantities combine to make 0.	ELD.PI.7.5: Listen actively and ask/ answer questions about what was
	3	Add Rational Numbers on the # Line	7.NS1.b: Understand $p + q$ as the number located a distance $ q $ from $p$ , in the positive or negative direction depending on whether $q$	heard.  ELD.PI.7.6: Reading closely and explaining interpretations/ideas from
.3)	4	Add Rational Numbers on the # Line	is positive or negative. Show that a number and its opposite have a sum of 0 (are additive inverses). Interpret sums of rational numbers by describing real-world contexts.	reading. <b>ELD.PI.7.10:</b> Composing/writing literary and informational texts.
7.NS	E1	Evaluation – Add Rational Numbers	7.NS.1a, 7.NS.1b	
p-q	5	Adding Quantities on the Number Line	7.NS.1b	
<b>umber System</b> dards: 7.NS.1a-c, 7.NS.2b-d, 7.NS.3)	6	Subtraction and Additive Inverses	7.NS1c: Understand subtraction of rational numbers as adding the additive inverse, $p-q=p+(-q)$ . Show that the distance between two rational numbers on the number line is the absolute value of their difference, and apply this principle in real-world contexts.	eLD.PI.7.5: Listen actively and ask/ answer questions about what was heard. ELD.PI.7.6: Reading closely and explaining interpretations/ideas from
	7	Absolute Value on a Number Line		
<b>Syst</b> NS.1.	8	Absolute Value in Real-World Contexts		reading.  ELD.PI.7.10: Composing/writing literary
<b>umber System</b> dards: 7.NS.1a-c, <sup>7</sup>	<b>E2</b>	Evaluation – Adding and Subtracting Rational Numbers	7.NS.1b, 7.NS.1b	and informational texts.
<b>Jum</b> Indar	9	Adding and Subtracting Integers		
<b>The Nu</b> em Stand	10	Adding and Subtracting Integers	7.NS.1d: Apply properties of operations as strategies to add and subtract rational numbers.	ELD.PI.7.5: Listen actively and ask/ answer questions about what was heard. ELD.PI.7.6: Reading closely and explaining interpretations/ideas from reading.
<b>T</b> yster	11	Adding and Subtracting Integers		
<b>The Nu</b> (The Number System Stan	12	Adding and Subtracting Decimals		
Num	E3	Adding and Subtracting Decimals		
(The	13	Adding and Subtracting Decimals	7.NS.1d	ELD.PI.7.5: Listen actively and ask/ answer questions about what was heard. ELD.PI.7.6: Reading closely and
	14	Adding and Subtracting Decimals		
	15	Adding and Subtracting Decimals		
	16	Adding and Subtracting Decimals		explaining interpretations/ideas from reading.
	E4	Evaluation – Adding and Subtracting Decimals		<b>ELD.PI.7.10:</b> Composing/writing literary and informational texts.
	Р3	<b>Performance Lesson #3</b> – <i>Adding and S</i> (7.NS.1a, 7.NS.1b, 7.NS.1c, 7.NS.1d)	ubtracting Rational Numbers	

Domain	Lesson	Focus	Standard(s)	ELD Standards
	17	Multiplying Integers with Tiles	7.NS.2a: Understand that multiplication is	
VS.3)	18	Multiplying Integers on a Number Line	extended from fractions to rational numbers by requiring that operations continue to satisfy the properties of operations, particularly the distributive property, leading to products such as $(-1)(-1) = 1$ and the rules for multiplying signed numbers. Interpret	ELD.PI.7.5: Listen actively and ask/ answer questions about what was heard. ELD.PI.7.6: Reading closely and explaining interpretations/ideas from reading. ELD.PI.7.10: Composing/writing literary and informational texts.
	19	Integers and the Distributive Property		
	20	Products in Real-World Contexts		
	E5	Evaluation – Multiplying Integers		
	21	Decimals and the Distributive Property	7.NS.2a	
	22	Multiplying Fractions	7.NS.2a, 7.NS.2b: Understand that integers can be divided, provided that the divisor is not zero, and every quotient of integers (with nonzero divisor) is a rational number. If $p$ and $q$ are integers, then $-(p/q) = (-p)/q = p/(-q)$ . Interpret quotients of rational numbers by describing real world contexts.	ELD.PI.7.5: Listen actively and ask/ answer questions about what was heard. ELD.PI.7.6: Reading closely and explaining interpretations/ideas from
J, 7.	23	Dividing Rational Numbers	-	reading.
2b-	24	Dividing Rational Numbers	7.NS.2b	
<b>n</b> c, 7.NS	E6	Evaluation – Multiplying and Dividing Rational Numbers	7.NS.2a, 7.NS.2b	
<b>yste</b>  S.1a-	25	Multiplying Rational Numbers	7.NS.2c: Apply properties of operations as strategies to multiply and divide rational	ELD.PI.7.5: Listen actively and ask/ answer questions about what was heard. ELD.PI.7.6: Reading closely and explaining interpretations/ideas from reading. ELD.PI.7.10: Composing/writing literary and informational texts.
er S : 7.N	26	Dividing Rational Numbers	numbers.	
<b>The Number System</b> Iber System Standards: 7.NS.1a-c, 7.NS.2b-d, 7.NS.3)	27	Converting Rational Numbers to Decimals	7.NS.2d: Convert a rational number to a decimal using long division; know that the	
	28	Converting Rational Numbers to Decimals	decimal form of a rational number terminates in 0s or eventually repeats.	
	<b>E7</b>	Evaluation – Multiplying, Dividing and Converting Rational Numbers	7.NS2c, 7.NS2d	
	P4	<b>Performance Lesson #4</b> – <i>Multiplying a</i> (7.NS.2a, 7.NS.2b, 7.NS.2c, 7.NS.2d)	nd Dividing Rational Numbers	
(The Num	29	Solving Problems Involving the Four Operations with Rational Numbers		
Expressions and Equations	30	Solving Problems Involving the Four Operations	7.NS3: Solve real-world and mathematical	ELD.PI.7.5: Listen actively and ask/ answer questions about what was heard. ELD.PI.7.6: Reading closely and explaining interpretations/ideas from reading.
	31	Solving Real-World Problems	problems involving the four operations with	
	32	Solving Real-World Problems		
	E8	Solving Real-World Problems		
	1	Simplify Algebraic Expressions	7.EE.1: Apply properties of operations as strategies to add, subtract, factor, and expand linear expressions with rational coefficients.	ELD.PI.7.5: Listen actively and ask/ answer questions about what was heard.
	2	Generate Equivalent Expressions		
	3	Generate Equivalent Expressions		ELD.PI.7.6: Reading closely and explaining interpretations/ideas from
	4	Generate Equivalent Expressions		reading. <b>ELD.PI.7.10:</b> Composing/writing literary
EX	E1	Evaluation – Generating Equivalent Expressions		and informational texts.

Domain	Lesson	Focus	Standard(s)	ELD Standards
	5	Factor Generate Equivalent		
		Expressions	7.EE.1	
	6	Factor Generate Equivalent Expressions		ELD.PI.7.5: Listen actively and ask/ answer questions about what was
	7	Expressions in Problem Situations	7.EE.2: Understand that rewriting an expression in different forms in a problem	heard. <b>ELD.PI.7.6:</b> Reading closely and
	8	Expressions in Problem Situations	context can shed light on the problem and how the quantities in it are related.	explaining interpretations/ideas from reading.  ELD.Pl.7.10: Composing/writing literary
	E2	Evaluation – Generate Equivalent Expressions	7.EE.1 & 7.EE.2	and informational texts.
	P5	Performance Lesson #5 – Working with	Expressions (7.EE.1, 7.EE.2)	
	9	Solve Multi-Step Real-Life Problems	7.EE.3: Solve multi-step real-life and mathematical problems posed with positive	
	10	Solve Multi-Step Real-Life Problems	and negative rational numbers in any form (whole numbers, fractions, and decimals),	ELD.PI.7.5: Listen actively and ask/ answer questions about what was heard. ELD.PI.7.6: Reading closely and explaining interpretations/ideas from
a-b)	11	Solve Multi-Step Real-Life Problems	using tools strategically. Apply properties of operations to calculate with numbers in any	
7.EE.4	12	Solve Multi-Step Real-Life Problems	form; convert between forms as appropriate; and assess the reasonableness of answers	reading. <b>ELD.PI.7.10:</b> Composing/writing literary and informational texts.
<b>ns</b> .1-3, 7	<b>E3</b>	Evaluation – Solving Multi-Step Real- Life Problems	using mental computation and estimation strategies.	
<b>Expressions and Equations</b> ions and Equations Standards: 7.EE.1-3, 7.EE.4a-b)	13	Solving Multi-Step Real-Life Problems	7.EE.3	ELD.PI.7.5: Listen actively and ask/ answer questions about what was heard. ELD.PI.7.6: Reading closely and explaining interpretations/ideas from reading. ELD.PI.7.10: Composing/writing literary and informational texts.
	14	Solving Multi-Step Real-Life Problems		
	15	Solving Multi-Step Real-Life Problems		
	16	Solving Multi-Step Real-Life Problems		
	E4	Evaluation – Solve Multi-Step Real-Life Problems		
<b>Exp</b>	17	Solve Equations in the Form of	7.EE.4a: Solve word problems leading to equations of the form $px + q = r$ and $p(x + q) = r$ , where $p$ , $q$ , and $r$ are specific rational numbers.	ELD.PI.7.5: Listen actively and ask/ answer questions about what was heard. ELD.PI.7.6: Reading closely and explaining interpretations/ideas from reading. ELD.PI.7.10: Composing/writing literary and informational texts.
	18	px + q = r Solve Equations in the Form of		
res		p(x+q) = r		
(Express	19	Solve Word Problems		
	20	Solve Word Problems		
	E5	Evaluation – Solve Linear Equations and Word Problems		
	P6	Performance Lesson #6 – Equations - (2	7.EE.3, 7.EE.4a)	
	21	Solve Word Problems	7.EE.4a	ELD.PI.7.5: Listen actively and ask/
	22	Solve Linear Equations and Word Problems		
	23	Solve and Graph Solutions to Inequalities	7.EE.4b: Solve word problems leading to inequalities of the form $px + q > r$ or $px + q < r$ ,	answer questions about what was heard.  ELD.PI.7.6: Reading closely and
	24	Solve and Graph Solutions to Inequalities	where $p$ , $q$ , & $r$ are specific rational numbers. Graph the solution set of the inequality and interpret it in the context of the problem.	explaining interpretations/ideas from reading.
	E6	Evaluation – Solve Equations and Inequalities	7.EE.4a and 7.EE.4b	

Inequalities  27   Solve Word Problems Leading to Inequalities  28   Solve Word Problems Leading to Inequalities  E7   Evaluation – Solve Word Problems Leading to Inequalities  P7   Performance Lesson #7 – Inequalities (7.EE.4a, 7.EE.4b)  1   Understanding Probabilities   T.SP.5: Understand that the probability of a chance event is a number between 0 & 1 that expresses the likelihood of the event occurring. Larger numbers indicates greater likelihood. A probability around 1/2 indicates an event that is neither unlikely nor likely, and a probability near 1 indicates a likely event.  3   Experimental Probabilities   T.SP.6: Approximate the probability of a chance event by collecting data on the chance process that produces it and observing its long-run relative frequency, and predict the approximate relative frequency given the probability.  E1   Evaluation – Theoretical and Experimental Probabilities   T.SP.7a: Develop a uniform probability model by assigning equal probability to all outcomes; use the model to determine probabilities of events.		
26 Solve Word Problems Leading to Inequalities 27 Solve Word Problems Leading to Inequalities 28 Solve Word Problems Leading to Inequalities 28 Inequalities 29 Evaluation – Solve Word Problems Leading to Inequalities 29 Performance Lesson #7 – Inequalities 20 Understanding Probabilities 20 Understanding Probabilities 21 Understanding Probabilities 22 Understanding Probabilities 3 Experimental Probabilities 4 Experimental Probabilities 5 Solve Word Problems Leading to Inequalities (7.EE.4a, 7.EE.4b) 4 Experimental Probabilities 5 Solve Word Problems Leading to Inequalities (7.EE.4b) 5 Solve Word Problems Leading to Inequalities (EID.PI.7.6: Reading closel explaining interpretations, reading. EID.PI.7.10: Composing/v and informational texts. 6 Inequalities 7 Solve Word Problems Leading to Inequalities (T.EE.4b) 6 Inequalities 7 EVALUATION — Theoretical and 10 Solve Word Problems Leading to Inequalities (T.EE.4b) 7 Solve Word Problems Leading to Inequalities (EID.PI.7.6: Reading closel explaining interpretations, reading. Informational texts. 8 ELD.PI.7.5: Listen actively and a probability near 0 indicates an unlikely event. a probability around 1/2 indicates an event that is neither unlikely nor likely, and a probability near 1 indicates a likely event. and probability of a chance event by collecting data on the chance process that produces it and observing its long-run relative frequency, and predict the propagation of the expension of the probability of a chance event by collecting data on the chance process that produces it and observing its long-run relative frequency, and predict the propagation of the expension of the probability of a chance event by collecting data on the chance process that produces it and observing its long-run relative frequency, and predict the propagation of the expension of the expension of the probability of a chance event by collecting data on the chance process that produces it and observing its long-run relative frequency, and predict the propagation of the expension of the proba		
Performance Lesson #7 – Inequalities (7.EE.4a, 7.EE.4b)  1 Understanding Probabilities  2 Understanding Probabilities  2 Understanding Probabilities  3 Experimental Probabilities  4 Experimental Probabilities  Experimental Probabilities  1 Understanding Probabilities  2 ELD.PI.7.5: Listen actively indicates an unlikely event, a probability near 0 indicates an unlikely event, a probability and a probability near 1 indicates a likely event.  7.SP.6: Approximate the probability of a chance event by collecting data on the chance process that produces it and observing its long-run relative frequency, and predict the approximate relative frequency, and predict the approximate relative frequency given the approximate the probability frequency given the approximate relative frequency given the approximate the probability frequency given the approximate relative frequency given the approximate		
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Performance Lesson #7 – Inequalities (7.EE.4a, 7.EE.4b)  1 Understanding Probabilities  2 Understanding Probabilities  2 Understanding Probabilities  3 Experimental Probabilities  4 Experimental Probabilities  Experimental Probabilities  1 Understanding Probabilities  2 ELD.PI.7.5: Listen actively indicates an unlikely event, a probability near 0 indicates an unlikely event, a probability and a probability near 1 indicates a likely event.  7.SP.6: Approximate the probability of a chance event by collecting data on the chance process that produces it and observing its long-run relative frequency, and predict the approximate relative frequency, and predict the approximate relative frequency given the approximate the probability frequency given the approximate relative frequency given the approximate the probability frequency given the approximate relative frequency given the approximate		
Performance Lesson #7 – Inequalities (7.EE.4a, 7.EE.4b)  1 Understanding Probabilities  2 Understanding Probabilities  2 Understanding Probabilities  3 Experimental Probabilities  4 Experimental Probabilities  Experimental Probabilities  1 Understanding Probabilities  2 ELD.PI.7.5: Listen actively indicates an unlikely event, a probability near 0 indicates an unlikely event, a probability and a probability near 1 indicates a likely event.  7.SP.6: Approximate the probability of a chance event by collecting data on the chance process that produces it and observing its long-run relative frequency, and predict the approximate relative frequency, and predict the approximate relative frequency given the approximate the probability frequency given the approximate relative frequency given the approximate the probability frequency given the approximate relative frequency given the approximate	y and	
Performance Lesson #7 – Inequalities (7.EE.4a, 7.EE.4b)  1 Understanding Probabilities  2 Understanding Probabilities  2 Understanding Probabilities  3 Experimental Probabilities  4 Experimental Probabilities  Experimental Probabilities  1 Understanding Probabilities  2 ELD.PI.7.5: Listen actively indicates an unlikely event, a probability near 0 indicates an unlikely event, a probability and a probability near 1 indicates a likely event.  7.SP.6: Approximate the probability of a chance event by collecting data on the chance process that produces it and observing its long-run relative frequency, and predict the approximate relative frequency, and predict the approximate relative frequency given the approximate the probability frequency given the approximate relative frequency given the approximate the probability frequency given the approximate relative frequency given the approximate	explaining interpretations/ideas from reading.	
Performance Lesson #7 – Inequalities (7.EE.4a, 7.EE.4b)  1 Understanding Probabilities  2 Understanding Probabilities  2 Understanding Probabilities  3 Experimental Probabilities  4 Experimental Probabilities  Experimental Probabilities  1 Understanding Probabilities  2 ELD.PI.7.5: Listen actively indicates an unlikely event, a probability near 0 indicates an unlikely event, a probability and a probability near 1 indicates a likely event.  7.SP.6: Approximate the probability of a chance event by collecting data on the chance process that produces it and observing its long-run relative frequency, and predict the approximate relative frequency, and predict the approximate relative frequency given the approximate the probability frequency given the approximate relative frequency given the approximate the probability frequency given the approximate relative frequency given the approximate	vriting literary	
Profession #7 – Inequalities (7.EE.4a, 7.EE.4b)  1 Understanding Probabilities  7.SP.5: Understand that the probability of a chance event is a number between 0 & 1 that expresses the likelihood of the event occurring. Larger numbers indicate greater likelihood. A probability near 0 indicates an unlikely event, a probability around 1/2 indicates an event that is neither unlikely nor likely, and a probability near 1 indicates a likely event.  3 Experimental Probabilities  7.SP.6: Approximate the probability of a chance event by collecting data on the chance process that produces it and observing its long-run relative frequency, and predict the approximate relative frequency, given the		
1 Understanding Probabilities  7.S.P.5: Understand that the probability of a chance event is a number between 0 & 1 that expresses the likelihood of the event occurring. Larger numbers indicate greater likelihood. A probability near 0 indicates an unlikely event, a probability around 1/2 indicates an event that is neither unlikely nor likely, and a probability near 1 indicates a likely event.  3 Experimental Probabilities  7.S.P.6: Approximate the probability of a chance event by collecting data on the chance process that produces it and observing its long-run relative frequency, and predict the approximate relative frequency, and predict the approximate relative frequency given the		
<ul> <li>Understanding Probabilities</li> <li>Experimental Probabilities</li></ul>		
<ul> <li>Understanding Probabilities</li> <li>Understanding Probabilities</li> <li>indicate greater likelihood. A probability near 0 indicates an unlikely event, a probability around 1/2 indicates an event that is neither unlikely nor likely, and a probability near 1 indicates a likely event.</li> <li>Experimental Probabilities</li> <li>Experim</li></ul>	ELD.PI.7.5: Listen actively and ask/	
<ul> <li>Understanding Probabilities indicates an unlikely event, a probability around 1/2 indicates an event that is neither unlikely nor likely, and a probability near 1 indicates a likely event.</li> <li>Experimental Probabilities</li> <li>Experimental Probabilities</li></ul>		
and a probability near 1 indicates a likely event.  3 Experimental Probabilities  7.SP.6: Approximate the probability of a chance event by collecting data on the chance process that produces it and observing its long-run relative frequency, and predict the approximate relative frequency given the		
The sperimental Probabilities  To Sp. 6: Approximate the probability of a chance event by collecting data on the chance process that produces it and observing its long-run relative frequency, and predict the approximate relative frequency given the chance process.  To Sp. 6: Approximate the probability of a chance event by collecting data on the chance process that produces it and observing its long-run relative frequency, and predict the approximate relative frequency given the chance provided to the provided to the provided to the probabilities.	y and	
4 Experimental Probabilities process that produces it and observing its long-run relative frequency, and predict the	explaining interpretations/ideas from reading. <b>ELD.PI.7.10:</b> Composing/writing literary	
Evaluation – Theoretical and		
Experimental Probability  Determine Probabilities  7.SP.7a: Develop a uniform probability model by assigning equal probability to all outcomes; use the model to determine probabilities of events.  Determine Probabilities  7.SP.7a: Develop a uniform probability model by assigning equal probability to all outcomes; use the model to determine probabilities of events.  Fig. 7.SP.7b: Develop a uniform probability model by answer questions about wheard.  ELD.PI.7.6: Reading closely the probability model by assigning equal probabilities of events.		
5 Determine Probabilities 7.SP.7a: Develop a uniform probability model by assigning equal probability to all outcomes; use the model to determine probabilities of events.  7.SP.7a: Develop a uniform probability model by assigning equal probability to all outcomes; use the model to determine probabilities of events.  7.SP.7a: Develop a uniform probability model by assigning equal probability to all outcomes; use the model to determine probabilities of events.  7.SP.7a: Develop a uniform probability model by assigning equal probability to all outcomes; use the model to determine probabilities of events.		
6 Determine Probabilities the model to determine probabilities of events.  7.50.7b. Develop a washed the latest and the latest answer questions about wheard.  ELD.PI.7.6: Reading closely		
CD 7h Doubles a sub-base sub-base sub-base sub-base sub-base ELD.Pl.7.6: Reading closel	answer questions about what was heard.	
7 Understanding Probabilities 7.SP.7b: Develop a probability model (which	-	
may not be uniform) by observing frequencies in data generated from a chance process.  **ELD.PI.7.10: Composing/v	vriting literary	
Evaluation – Determining Probability 7.SP.7a-b and informational texts.		
Understanding Probabilities in data generated from a chance process.  E2 Evaluation – Determining Probability  7.SP.7a-b  7.SP.8a: Understand that, just as with simple events, the probability of a compound event is the fraction of outcomes in the sample space for which the compound event occurs.  ELD.PI.7.10: Composing/v and informational texts.		
the compound event occurs.  ELD.PI.7.5: Listen actively	ELD.PI.7.5: Listen actively and ask/	
11 Finding Compound Probabilities and tree diagrams.  ELD.PI.7.6: Reading closel explaining interpretations, 7.SP.8c: Design and use a simulation to reading reading.		
events using methods such as organized lists, tables and tree diagrams.  11 Finding Compound Probabilities  7.SP.8c: Design and use a simulation to generate frequencies for compound events.  ELD.PI.7.6: Reading closel explaining interpretations, reading.  ELD.PI.7.10: Composing/v	vriting literary	
E3 Finding Compound Probabilities 7.SP.8a, 7.SP.8b, and 7.SP.8c and informational texts.		
P8 Performance Lesson #8 – Exploring Probability (7.SP.5, 7.SP.6, 7.SP.7a-b, 7.SP.8a-c)		
events using methods such as organized lists, tables and tree diagrams.  12 Using a Simulation  Finding Compound Probabilities  7.SP.8c: Design and use a simulation to generate frequencies for compound events.  Finding Compound Probabilities  7.SP.8a, 7.SP.8b, and 7.SP.8c  Performance Lesson #8 – Exploring Probability (7.SP.5, 7.SP.6, 7.SP.7a-b, 7.SP.8a-c)  7.SP.1: Understand that statistics can be used to gain information about a population by examining a sample of the population; generalizations about a population. Understand that random sampling tends to produce representative samples & support valid inferences.  ELD.PI.7.10: Composing/valid information about a population by examining a sample of the population. Understand that random sampling tends to produce representative samples & support valid inferences.	hat was	
14 Making Inferences of a Population 7.SP.2: Use data from a random sample to draw explaining interpretations,		
inferences about a population with an unknown characteristic of interest. Generate multiple LLD.PI.7.10: Composing/v	ideas from	
samples (or simulated samples) of the same size to gauge the variation in estimates/predictions.		
E4 Evaluation – Random Sampling and Drawing Inferences 7.SP.1, 7.SP.2		

Domain	Lesson	Focus	Standard(s)	ELD Standards	
	17	Assess Overlap Between Data	7.SP.3: Informally assess the degree of visual overlap of two numerical data distributions with		
Statistics and Probability	18	Distributions  Assess Overlap of Data Distributions	similar variabilities, measuring the difference between the centers by expressing it as a multiple of a measure of variability.	<b>ELD.PI.7.5:</b> Listen actively and ask/ answer questions about what was	
	19	Inferences about Two Populations	7.SP.4: Use measures of center and measures of variability for numerical data from random samples to draw informal comparative	heard.  ELD.PI.7.6: Reading closely and explaining interpretations/ideas from reading.  ELD.PI.7.10: Composing/writing literary and informational texts.	
	20	Inferences about Two Populations			
	E5	Evaluation – Inferences about Two Populations			
	Р9	Performance Lesson #9 – Exploring St	tatistics <b>(7.SP.1, 7.SP.2, 7.SP.3, 7.SP.4)</b>		
	1	Scale Factors			
	2	Similar Figures		ELD.PI.7.5: Listen actively and ask/ answer questions about what was heard. ELD.PI.7.6: Reading closely and explaining interpretations/ideas from reading.	
	3	Computing Lengths and Area of Scale Drawings	drawings of geometric figures, including computing actual lengths and areas from a scale drawing and reproducing a scale drawing		
	4	Reproduction of Scale Drawings	at a different scale.		
	E1	Evaluation – Similarity and Scale Drawings		<b>ELD.PI.7.10:</b> Composing/writing literary and informational texts.	
	P10	Performance Lesson #10 – Draw It to So	cale <b>(7.G.1)</b>		
	5	Classification of Triangles			
<b>Geometry</b> try Standards: 7.G.1-6)	6	Constructing Triangles Using Angles	7.G.2: Draw (freehand, with ruler and protractor, and with technology) geometric shapes with given conditions. Focus on constructing triangles from three measures of angles or sides, noticing when the conditions determine a unique triangle, more than one triangle, or no triangle.	ELD.PI.7.5: Listen actively and ask/ answer questions about what was heard. ELD.PI.7.10: Composing/writing literary	
	7	Constructing Triangles Using Side Lengths			
	8	Determining Unique Triangles		and informational texts.	
	<b>E2</b>	Evaluation – Constructions			
	9	Planes and Three-Dimensional Figures	7.G.3: Describe the two-dimensional figures that result from slicing three-dimensional figures, as in plane sections of right rectangular prisms and right rectangular pyramids.		
<b>G</b> (Geometry	10	Relationship of Pi	7.G.4: Know the formulas for the area and	ELD.PI.7.5: Listen actively and ask/ answer questions about what was	
eg)	11	Circumference of a Circle	circumference of a circle and use them to solve problems; give an informal derivation of the relationship between the circumference and area of a circle.	heard.  ELD.PI.7.6: Reading closely and explaining interpretations/ideas from reading.  ELD.PI.7.10: Composing/writing literary and informational texts.	
	12	Circumference of Circles in Real-Life			
	E3	Slicing 3-Dimensional Figures and Circumference of a Circle	7.G.3 and 7.G.4		
	P11	<b>Performance Lesson #11</b> – Two- and Th <b>7.G.4)</b>	nree-Dimensional Figures <b>(7.G.2, 7.G.3,</b>		
	13	Area of a Circle		ELD.PI.7.5: Listen actively and ask/ answer questions about what was heard. ELD.PI.7.6: Reading closely and	
	14	Areas of Circles in Real-Life			
	15	Complimentary and Supplementary Angles	7.G.5: Use facts about supplementary, complementary, vertical, & adjacent angles in a ELD.PI.7.6: Reading		
	16	Vertical Adjacent Angles		explaining interpretations/ideas from reading.	
	E4	Evaluation – Circular Area and Angles	7.G.4 and 7.G.5		

Domain	Lesson	Focus	Standard(s)	ELD Standards	
<b>Geometry</b> (Geometry Standards: 7.G.1-6)	17	Finding Unknown Angles	7.G.5		
	18	Unknown Angles in Real-World	7.0.5	ELD.PI.7.5: Listen actively and ask/	
	19	Area of Parallelograms	7.G.6: Solve real-world and mathematical problems involving area, volume and surface	answer questions about what was heard.  ELD.PI.7.6: Reading closely and	
	20	Area of Triangles	composed of triangles, quadrilaterals, polygons, cubes, and right prisms.	explaining interpretations/ideas from reading.  ELD.Pl.7.10: Composing/writing literary	
	E5	Evaluation – Finding Unknown Angles and Area		and informational texts.	
	P12	Performance Lesson #12 – All About Ar	ngles (7.G.4, 7.G.5, 7.G.6)		
	21	Area of Trapezoids	766	ELD.PI.7.5: Listen actively and ask/ answer questions about what was heard. ELD.PI.7.6: Reading closely and explaining interpretations/ideas from reading.	
	22	Area of Composite Figures			
	23	Area in Real-World Contexts			
	24	Surface Area of Prisms and Pyramids			
	E6	Evaluation – Area in Real-World Contexts			
	25	Surface Area of Cubic Figures			
	26	Surface Area in Real-World Context		<b>ELD.PI.7.5:</b> Listen actively and ask/ answer questions about what was heard.	
	27	Volume	7.G.6	ELD.PI.7.6: Reading closely and explaining interpretations/ideas from	
	28	Volume in Real-World Contexts		reading. <b>ELD.PI.7.10:</b> Composing/writing literary and informational texts.	
	E7	Surface Area and Volume			