



HEALTHCARE

Mathematics Alignment Chart

<i>Lesson</i>	<i>National Career Readiness Certification</i>	<i>College and Career-Readiness Standards</i>	<i>GED® Assessment Targets</i>
Number Sense	Graphic Literacy <ul style="list-style-type: none"> Identify a trend/pattern/relationship (Level 4) 	1.NBT.2, 1.NBT.4, 2.NBT.6, 4.NBT.2	Q.1
Solving Problems	Applied Math <ul style="list-style-type: none"> Solve problems that require one or two mathematical operations. They can add, subtract, or multiply using positive or negative numbers (such as 10 or -2), and they can divide positive numbers (such as 10) (Level 4) Graphic Literacy <ul style="list-style-type: none"> Locate information in a graphic using information found in a second graphic (Level 4) 	1.NBT.4, 2.NBT.6, 2.NBT.9, 3.NBT.1, 3.NBT.2, 3.NBT.3, 4.NBT.1, 4.NBT.3, 4.NBT.4	Q.1, Q.2
Fractions, Decimals, and Percents	Applied Math <ul style="list-style-type: none"> Figure out simple ratios (such as $\frac{3}{4}$), simple proportions (such as 10/100 cases), or rates (such as 10 mph) (Level 4) Add commonly known fractions, decimals, or percentages (such as $\frac{1}{2}$, 0.75, or 25%) (Level 4) Add or subtract fractions with a common denominator (such as $\frac{1}{4} + \frac{3}{4} + \frac{1}{4}$) (Level 4) Add and subtract fractions with unlike denominators (such as $\frac{1}{2} - \frac{1}{4}$) (Level 5) Workplace Documents <ul style="list-style-type: none"> Choose what to do when changing conditions call for a different action (Level 4) 	3.NF.2, 4.NF.1, 4.NF.2, 4.NF.3, 4.NF.4, 5.NF.1, 5.NF.7, 6.NS.1	Q.2, Q.3



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Measurements and Formulas	Applied Math <ul style="list-style-type: none"> Decide what information, calculations, or unit conversions to use to find the answer to a problem (Level 5) Convert units within or between systems of measurement (e.g., time, measurement, quantity) where the conversion factor is given either in the problem or in the formula sheet (Level 5) Solve problems that require mathematical operations using mixed units (such as adding 6 feet and 4 inches to 3 feet and 10 inches, or subtracting 4 hours and 30 minutes from 3.5 hours) (Level 5) Calculate the perimeter or circumference of a basic shape, or calculate the area of a basic shape (Level 5) 	2.MD.4, 3.MD.1, 3.MD.2	
Trends and Predictions: Graphs and Data	Applied Math <ul style="list-style-type: none"> Calculate the average or mean of a set of numbers (such as $(10+11+12) / 3$) For this, they use whole numbers and decimals (Level 4) Graphic Literacy <ul style="list-style-type: none"> Identify a trend/pattern/relationship (Level 4) Make an inference or decision (Level 4) 	1.MD.4, 2.MD.10, 3.MD.3	Q.6



HEALTHCARE

Language Arts Alignment Chart

<i>Lesson</i>	<i>National Career Readiness Certification</i>	<i>College and Career-Readiness Standards</i>	<i>GED® Assessment Targets</i>
A Process for Writing	Workplace Documents <ul style="list-style-type: none"> Choose when to perform a step in a series of steps (Level 4) 	CCR Writing Anchor 4, CCR Writing Anchor 5, CCR Language Anchor 2, CCR Language Anchor 3, CCR Language Anchor 6	W.3
Supplying and Finding Information	Graphic Literacy <ul style="list-style-type: none"> Make an inference or decision (Level 4) 	CCR Reading Anchor 1, CCR Reading Anchor 3, CCR Reading Anchor 7, CCR Language Anchor 4, CCR Language Anchor 6	R.7.2
Writing for Work	Graphic Literacy <ul style="list-style-type: none"> Compare two or more pieces of information (Level 4) 	CCR Writing Anchor 4, CCR Writing Anchor 5, CCR Language Anchor 2, CCR Language Anchor 3, CCR Language Anchor 6	W.3
Reading for a Purpose	Workplace Documents <ul style="list-style-type: none"> Identify the main idea (Level 4) Identify specific details (Level 4) (Level 5) Use the information in the document to figure out the meanings of words or phrases that are not defined for them (Level 4) Apply information/instructions to a situation that is the same as the situation described in the document (Level 4) Infer the meaning of a word or phrase from context (Level 5) 	CCR Reading Anchor 1, CCR Reading Anchor 2, CCR Reading Anchor 3, CCR Language Anchor 4, CCR Language Anchor 6	R.2.1, R.2.2, R.4.1/L.4.1, R.4.3, L.4.3, R.5.1



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Language Arts Alignment Chart

<i>Lesson</i>	<i>National Career Readiness Certification</i>	<i>College and Career-Readiness Standards</i>	<i>GED® Assessment Targets</i>
Reading and Following Directions	Workplace Documents <ul style="list-style-type: none"> Choose when to perform a step in a series of steps (Level 4) Apply information/instructions to a situation that is the same as the situation described in the document (Level 4) 	CCR Reading Anchor 1, CCR Language Anchor 4, CCR Language Anchor 6	R.4.1/L.4.1



MANUFACTURING

Mathematics Alignment Chart

<i>Lesson</i>	<i>National Career Readiness Certification</i>	<i>College and Career-Readiness Standards</i>	<i>GED® Assessment Targets</i>
Number Sense	Graphic Literacy <ul style="list-style-type: none"> Identify a trend/pattern/relationship (Level 4) 	1.NBT.2, 1.NBT.4, 2.NBT.6, 4.NBT.2	Q.1
Solving Problems	Applied Math <ul style="list-style-type: none"> Solve problems that require one or two mathematical operations. They can add, subtract, or multiply using positive or negative numbers (such as 10 or -2), and they can divide positive numbers (such as 10) (Level 4) 	1.NBT.4, 2.NBT.6, 2.NBT.9, 3.NBT.1, 3.NBT.2, 3.NBT.3, 4.NBT.1, 4.NBT.3, 4.NBT.4	Q.1, Q.2
Fractions, Decimals, and Percents	Applied Math <ul style="list-style-type: none"> Calculate the average or mean of a set of numbers (such as $(10+11+12)/3$). For this, they may use whole numbers and decimals (Level 4) Figure out simple ratios (such as $\frac{3}{4}$), simple proportions (such as 10/100 cases), or rates (such as 10 mph) (Level 4) Add or subtract fractions with a common denominator (such as $\frac{1}{4} + \frac{3}{4} + \frac{1}{4}$) (Level 4) Add commonly known fractions, decimals, or percentages (such as $\frac{1}{2}$, 0.75, or 25%) (Level 4) Add and subtract fractions with unlike denominators (such as $\frac{1}{2} - \frac{1}{4}$) (Level 5) 	3.NF.2, 4.NF.1, 4.NF.2, 4.NF.3, 4.NF.4, 5.NF.1, 5.NF.7, 6.NS.1	Q.2, Q.3



MANUFACTURING

Mathematics Alignment Chart

<i>Lesson</i>	<i>National Career Readiness Certification</i>	<i>College and Career-Readiness Standards</i>	<i>GED® Assessment Targets</i>
Measurements and Formulas	Applied Math <ul style="list-style-type: none"> Decide what information, calculations, or unit conversions to use to find the answer to a problem (Level 5) Convert units within or between systems of measurement (e.g., time, measurement, quantity) where the conversion factor is given either in the problem or in the formula sheet (Level 5) Solve problems that require mathematical operations using mixed units (such as adding 6 feet and 4 inches to 3 feet and 10 inches, or subtracting 4 hours and 30 minutes from 3.5 hours) (Level 5) Calculate the perimeter or circumference of a basic shape, or calculate the area of a basic shape (Level 5) Calculate a given percentage of a given number and then use that percentage to find the solution to a problem (e.g., find the percentage and then use it to find the discount, markup, or tax) (Level 5) 	2.MD.4, 3.MD.1, 3.MD.2	



MANUFACTURING

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<i>Lesson</i>	<i>National Career Readiness Certification</i>	<i>College and Career-Readiness Standards</i>	<i>GED® Assessment Targets</i>
Trends and Predictions: Graphs and Data	Applied Math <ul style="list-style-type: none"> Calculate the average or mean of a set of numbers (such as $(10+11+12) / 3$). For this, they may use whole numbers and decimals (Level 4) Graphic Literacy <ul style="list-style-type: none"> Locate information in a graphic using information found in a second graphic (Level 4) Identify a trend/pattern/relationship (Level 4) Identify the graphic that accurately represents the data (Level 4) 	1.MD.4, 2.MD.10, 3.MD.3	Q.6



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Language Arts Alignment Chart

<i>Lesson</i>	<i>National Career Readiness Certification</i>	<i>College and Career-Readiness Standards</i>	<i>GED® Assessment Targets</i>
A Process for Writing	Workplace Documents <ul style="list-style-type: none"> Choose when to perform a step in a series of steps (Level 4) 	CCR Writing Anchor 4, CCR Writing Anchor 5, CCR Language Anchor 2, CCR Language Anchor 3, CCR Language Anchor 6	W.3
Supplying and Finding Information	Graphic Literacy <ul style="list-style-type: none"> Make an inference or decision (Level 4) 	CCR Reading Anchor 1, CCR Reading Anchor 3, CCR Reading Anchor 7, CCR Language Anchor 4, CCR Language Anchor 6	R.7.2
Writing for Work	Graphic Literacy <ul style="list-style-type: none"> Compare two or more pieces of information (Level 4) 	CCR Writing Anchor 4, CCR Writing Anchor 5, CCR Language Anchor 2, CCR Language Anchor 3, CCR Language Anchor 6	W.3
Reading for a Purpose	Workplace Documents <ul style="list-style-type: none"> Identify the main idea (Level 4) Identify specific details (Level 4) Use the information in the document to figure out the meaning of words or phrases that are not defined for them (Level 4) Infer the meaning of a word or phrase from context (Level 5) 	CCR Reading Anchor 1, CCR Reading Anchor 2, CCR Reading Anchor 3, CCR Language Anchor 4, CCR Language Anchor 6	R.2.1, R.2.2, R.4.1/L.4.1, R.4.3, L.4.3, R.5.1



MANUFACTURING

Language Arts Alignment Chart

<i>Lesson</i>	<i>National Career Readiness Certification</i>	<i>College and Career-Readiness Standards</i>	<i>GED® Assessment Targets</i>
Reading and Following Directions	Graphic Literacy <ul style="list-style-type: none"> • Make an inference or decision (Level 4) Workplace Documents <ul style="list-style-type: none"> • Choose when to perform a step in a series of steps (Level 4) • Apply information/instructions to a situation that is the same as the situation described in the document (Level 4) 	CCR Reading Anchor 1, CCR Language Anchor 4, CCR Language Anchor 6	R.4.1/L.4.1



TRANSPORTATION

Mathematics Alignment Chart

<i>Lesson</i>	<i>National Career Readiness Certification</i>	<i>College and Career-Readiness Standards</i>	<i>GED® Assessment Targets</i>
Number Sense	Graphic Literacy <ul style="list-style-type: none"> Identify a trend/pattern/relationship (Level 4) 	1.NBT.2, 1.NBT.4, 2.NBT.6, 4.NBT.2	Q.1
Solving Problems	Applied Math <ul style="list-style-type: none"> Solve problems that require one or two mathematical operations. They can add, subtract, or multiply using positive or negative numbers (such as 10 or -2), and they can divide positive numbers (such as 10) (Level 4) 	1.NBT.4, 2.NBT.6, 2.NBT.9, 3.NBT.1, 3.NBT.2, 3.NBT.3, 4.NBT.1, 4.NBT.3, 4.NBT.4	Q.1, Q.2
Fractions, Decimals, and Percents	Applied Math <ul style="list-style-type: none"> Figure out simple ratios (such as $\frac{3}{4}$), simple proportions (such as 10/100 cases), or rates (such as 10 mph) (Level 4) Add commonly known fractions, decimals, or percentages (such as $\frac{1}{2}$, 0.75, or 25%) (Level 4) Add or subtract fractions with a common denominator (such as $\frac{1}{4} + \frac{3}{4} + \frac{1}{4}$) (Level 4) Add and subtract fractions with unlike denominators (such as $\frac{1}{2} - \frac{1}{4}$) (Level 5) 	3.NF.2, 4.NF.1, 4.NF.2, 4.NF.3, 4.NF.4, 5.NF.1, 5.NF.7, 6.NS.1	Q.2, Q.3



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Mathematics Alignment Chart

<i>Lesson</i>	<i>National Career Readiness Certification</i>	<i>College and Career-Readiness Standards</i>	<i>GED® Assessment Targets</i>
Measurements and Formulas	Applied Math <ul style="list-style-type: none"> Decide what information, calculations, or unit conversions to use to find the answer to a problem (Level 5) Convert units within or between systems of measurement (e.g., time, measurement, quantity) where the conversion factor is given either in the problem or in the formula sheet (Level 5) Solve problems that require mathematical operations using mixed units (such as adding 6 feet and 4 inches to 3 feet and 10 inches, or subtracting 4 hours and 30 minutes from 3.5 hours) (Level 5) Calculate the perimeter or circumference of a basic shape, or calculate the area of a basic shape (Level 5) 	2.MD.4, 3.MD.1, 3.MD.2	
Trends and Predictions: Graphs and Data	Applied Math <ul style="list-style-type: none"> Calculate the average or mean of a set of numbers (such as $(10+11+12)/3$). For this, they may use whole numbers and decimals (Level 4) Graphic Literacy <ul style="list-style-type: none"> Identify a trend/pattern/relationship (Level 4) Make an inference or decision (Level 4) Identify the graphic that accurately represents the data (Level 4) 	1.MD.4, 2.MD.10, 3.MD.3	Q.6



TRANSPORTATION

Language Arts Alignment Chart

<i>Lesson</i>	<i>National Career Readiness Certification</i>	<i>College and Career-Readiness Standards</i>	<i>GED® Assessment Targets</i>
A Process for Writing	Workplace Documents <ul style="list-style-type: none"> Choose when to perform a step in a series of steps (Level 4) 	CCR Writing Anchor 4, CCR Writing Anchor 5, CCR Language Anchor 2, CCR Language Anchor 3, CCR Language Anchor 6	W.3
Supplying and Finding Information	Graphic Literacy <ul style="list-style-type: none"> Make an inference or decision (Level 4) 	CCR Reading Anchor 1, CCR Reading Anchor 3, CCR Reading Anchor 7, CCR Language Anchor 4, CCR Language Anchor 6	R.7.2
Writing for Work	Graphic Literacy <ul style="list-style-type: none"> Compare two or more pieces of information (Level 4) 	CCR Writing Anchor 4, CCR Writing Anchor 5, CCR Language Anchor 2, CCR Language Anchor 3, CCR Language Anchor 6	W.3
Reading for a Purpose	Workplace Documents <ul style="list-style-type: none"> Identify the main idea (Level 4) Identify specific details (Level 4) Use the information in the document to figure out the meanings of words or phrases that are not defined for them (Level 4) 	CCR Reading Anchor 1, CCR Reading Anchor 2, CCR Reading Anchor 3, CCR Language Anchor 4, CCR Language Anchor 6	R.2.1, R.2.2, R.4.1/L.4.1, R.4.3, L.4.3, R.5.1



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<i>Lesson</i>	<i>National Career Readiness Certification</i>	<i>College and Career-Readiness Standards</i>	<i>GED® Assessment Targets</i>
Reading and Following Directions	Graphic Literacy <ul style="list-style-type: none"> • Make an inference or decision (Level 4) Workplace Documents <ul style="list-style-type: none"> • Choose when to perform a step in a series of steps (Level 4) • Apply information/instructions to a situation that is the same as the situation described in the document (Level 4) 	CCR Reading Anchor 1, CCR Language Anchor 4, CCR Language Anchor 6	R.4.1/L.4.1



INFORMATION TECHNOLOGY

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<i>Lesson</i>	<i>National Career Readiness Certification</i>	<i>College and Career-Readiness Standards</i>	<i>GED® Assessment Targets</i>
Number Sense	Graphic Literacy <ul style="list-style-type: none"> Identify a trend/pattern/relationship (Level 4) 	1.NBT.2, 1.NBT.4, 2.NBT.6, 4.NBT.2	Q.1
Solving Problems	Applied Math <ul style="list-style-type: none"> Solve problems that require one or two mathematical operations. They can add, subtract, or multiply using positive or negative numbers (such as 10 or -2), and they can divide positive numbers (such as 10) (Level 4) 	1.NBT.4, 2.NBT.6, 2.NBT.9, 3.NBT.1, 3.NBT.2, 3.NBT.3, 4.NBT.1, 4.NBT.3, 4.NBT.4	Q.1, Q.2
Fractions, Decimals, and Percents	Applied Math <ul style="list-style-type: none"> Figure out simple ratios (such as $\frac{3}{4}$), simple proportions (such as 10/100 cases), or rates (such as 10 mph) (Level 4) Add commonly known fractions, decimals, or percentages (such as $\frac{1}{2}$, 0.75, or 25%) (Level 4) Add or subtract fractions with a common denominator (such as $\frac{1}{4} + \frac{3}{4} + \frac{1}{4}$) (Level 4) Add and subtract fractions with unlike denominators (such as $\frac{1}{2} - \frac{1}{4}$) (Level 5) 	3.NF.2, 4.NF.1, 4.NF.2, 4.NF.3, 4.NF.4, 5.NF.1, 5.NF.7, 6.NS.1	Q.2, Q.3



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<i>Lesson</i>	<i>National Career Readiness Certification</i>	<i>College and Career-Readiness Standards</i>	<i>GED® Assessment Targets</i>
Logic with Units of Measure	Applied Math <ul style="list-style-type: none"> Solve problems that require one or two mathematical operations. They can add, subtract, or multiply using positive or negative numbers (such as 10 or -2), and they can divide positive numbers (such as 10) (Level 4) Decide what information, calculations, or unit conversions to use to find the answer to a problem (Level 5) Convert units within or between systems of measurement (e.g., time, measurement, quantity) where the conversion factor is given either in the problem or in the formula sheet (Level 5) Solve problems that require mathematical operations using mixed units (such as adding 6 feet and 4 inches to 3 feet and 10 inches, or subtracting 4 hours and 30 minutes from 3.5 hours) (Level 5) 	2.MD.4, 3.MD.1, 3.MD.2	



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<i>Lesson</i>	<i>National Career Readiness Certification</i>	<i>College and Career-Readiness Standards</i>	<i>GED® Assessment Targets</i>
A Process for Writing	Workplace Documents <ul style="list-style-type: none"> Choose when to perform a step in a series of steps (Level 4) Identify specific details (Level 4) (Level 5) 	CCR Writing Anchor 4, CCR Writing Anchor 5, CCR Language Anchor 2, CCR Language Anchor 3, CCR Language Anchor 6	W.3
Supplying and Finding Information	Workplace Documents <ul style="list-style-type: none"> Identify specific details (Level 4) (Level 5) 	CCR Reading Anchor 1, CCR Reading Anchor 3, CCR Reading Anchor 7, CCR Language Anchor 4, CCR Language Anchor 6	R.7.2
Writing for Work	Graphic Literacy <ul style="list-style-type: none"> Make an inference or decision (Level 4) 	CCR Writing Anchor 4, CCR Writing Anchor 5, CCR Language Anchor 2, CCR Language Anchor 3, CCR Language Anchor 6	W.3
Reading for a Purpose	Workplace Documents <ul style="list-style-type: none"> Identify the main idea (Level 4) Identify specific details (Level 4) (Level 5) Infer the meaning of a word or phrase from context (Level 5) Choose what to do when changing conditions call for a different action (Level 5) Graphic Literacy <ul style="list-style-type: none"> Make an inference or decision (Level 4) 	CCR Reading Anchor 1, CCR Reading Anchor 2, CCR Reading Anchor 3, CCR Language Anchor 4, CCR Language Anchor 6	R.2.1, R.2.2, R.4.1/L.4.1, R.4.3, L.4.3, R.5.1



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Reading and Following Directions	Workplace Documents <ul style="list-style-type: none"> Choose when to perform a step in a series of steps (Level 4) Apply information/instructions to a situation that is the same as the situation described in the document (Level 4) 	CCR Reading Anchor 1, CCR Language Anchor 4, CCR Language Anchor 6	R.4.1/L.4.1



CONSTRUCTION

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<i>Lesson</i>	<i>National Career Readiness Certification</i>	<i>College and Career-Readiness Standards</i>	<i>GED® Assessment Targets</i>
Number Sense	Graphic Literacy <ul style="list-style-type: none"> Identify a trend/pattern/relationship (Level 4) 	1.NBT.2, 1.NBT.4, 2.NBT.6, 4.NBT.2	Q.1
Solving Problems	Applied Math <ul style="list-style-type: none"> Solve problems that require one or two mathematical operations. They can add, subtract, or multiply using positive or negative numbers (such as 10 or -2), and they can divide positive numbers (such as 10) (Level 4) 	1.NBT.4, 2.NBT.6, 2.NBT.9, 3.NBT.1, 3.NBT.2, 3.NBT.3, 4.NBT.1, 4.NBT.3, 4.NBT.4	Q.1, Q.2
Fractions, Decimals, and Percents	Applied Math <ul style="list-style-type: none"> Figure out simple ratios (such as $\frac{3}{4}$), simple proportions (such as 10/100 cases), or rates (such as 10 mph) (Level 4) Add commonly known fractions, decimals, or percentages (such as $\frac{1}{2}$, 0.75, or 25%) (Level 4) Add or subtract fractions with a common denominator (such as $\frac{1}{4} + \frac{3}{4} + \frac{1}{4}$) (Level 4) Add and subtract fractions with unlike denominators (such as $\frac{1}{2} - \frac{1}{4}$) (Level 5) 	3.NF.2, 4.NF.1, 4.NF.2, 4.NF.3, 4.NF.4, 5.NF.1, 5.NF.7, 6.NS.1	Q.2, Q.3



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<i>Lesson</i>	<i>National Career Readiness Certification</i>	<i>College and Career-Readiness Standards</i>	<i>GED® Assessment Targets</i>
Measurements and Formulas	Applied Math <ul style="list-style-type: none"> Decide what information, calculations, or unit conversions to use to find the answer to a problem (Level 5) Convert units within or between systems of measurement (e.g., time, measurement, quantity) where the conversion factor is given either in the problem or in the formula sheet (Level 5) Solve problems that require mathematical operations using mixed units (such as adding 6 feet and 4 inches to 3 feet and 10 inches, or subtracting 4 hours and 30 minutes from 3.5 hours) (Level 5) Calculate the perimeter or circumference of a basic shape, or calculate the area of a basic shape (Level 5) 	2.MD.4, 3.MD.1, 3.MD.2	
Trends and Predictions: Graphs and Data	Applied Math <ul style="list-style-type: none"> Calculate the average or mean of a set of numbers (such as $(10+11+12)/3$). For this, they may use whole numbers and decimals (Level 4) Graphic Literacy <ul style="list-style-type: none"> Identify a trend/pattern/relationship (Level 4) Make an inference or decision (Level 4) Identify the graphic that accurately represents the data (Level 4) 	1.MD.4, 2.MD.10, 3.MD.3	Q.6



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A Process for Writing	Workplace Documents <ul style="list-style-type: none"> Choose when to perform a step in a series of steps (Level 4) 	CCR Writing Anchor 4, CCR Writing Anchor 5, CCR Language Anchor 2, CCR Language Anchor 3, CCR Language Anchor 6	W.3
Supplying and Finding Information	Graphic Literacy <ul style="list-style-type: none"> Make an inference or decision (Level 4) Compare two or more pieces of information (Level 4) 	CCR Reading Anchor 1, CCR Reading Anchor 3, CCR Reading Anchor 7, CCR Language Anchor 4, CCR Language Anchor 6	R.7.2
Writing for Work	Graphic Literacy <ul style="list-style-type: none"> Compare two or more pieces of information (Level 4) Make an inference or decision (Level 4) Choose when to perform a step in a series of steps (Level 4) 	CCR Writing Anchor 4, CCR Writing Anchor 5, CCR Language Anchor 2, CCR Language Anchor 3, CCR Language Anchor 6	W.3
Reading for a Purpose	Workplace Documents <ul style="list-style-type: none"> Identify the main idea (Level 4) Identify specific details (Level 4) Use the information in the document to figure out the meanings of words or phrases that are not defined for them (Level 4) Choose when to perform a step in a series of steps (Level 4) 	CCR Reading Anchor 1, CCR Reading Anchor 2, CCR Reading Anchor 3, CCR Language Anchor 4, CCR Language Anchor 6	R.2.1, R.2.2, R.4.1/L.4.1, R.4.3, L.4.3, R.5.1



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Reading and Following Directions	Workplace Documents <ul style="list-style-type: none"> Identify the main idea (Level 4) Choose when to perform a step in a series of steps (Level 4) 	CCR Reading Anchor 1, CCR Language Anchor 4, CCR Language Anchor 6	R.4.1/L.4.1



MARKETING, SALES AND SERVICE

Mathematics Alignment Chart

<i>Lesson</i>	<i>National Career Readiness Certification</i>	<i>College and Career-Readiness Standards</i>	<i>GED® Assessment Targets</i>
Number Sense	Graphic Literacy Identify a trend/pattern/relationship (Level 4)	1.NBT.2, 1.NBT.4, 2.NBT.6, 4.NBT.2	Q.1
Solving Problems	Applied Math <ul style="list-style-type: none"> Solve problems that require one or two mathematical operations. They can add, subtract, or multiply using positive or negative numbers (such as 10 or -2), and they can divide positive numbers (such as 10) (Level 4) 	1.NBT.4, 2.NBT.6, 2.NBT.9, 3.NBT.1, 3.NBT.2, 3.NBT.3, 4.NBT.1, 4.NBT.3, 4.NBT.4	Q.1, Q.2
Fractions, Decimals, and Percents	Applied Math <ul style="list-style-type: none"> Figure out simple ratios (such as $\frac{3}{4}$), simple proportions (such as 10/100 cases), or rates (such as 10 mph) (Level 4) Add commonly known fractions, decimals, or percentages (such as $\frac{1}{2}$, 0.75, or 25%) (Level 4) Add or subtract fractions with a common denominator (such as $\frac{1}{4} + \frac{3}{4} + \frac{1}{4}$) (Level 4) Add and subtract fractions with unlike denominators (such as $\frac{1}{2} - \frac{1}{4}$) (Level 5) 	3.NF.2, 4.NF.1, 4.NF.2, 4.NF.3, 4.NF.4, 5.NF.1, 5.NF.7, 6.NS.1	Q.2, Q.3



MARKETING, SALES AND SERVICE

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<i>Lesson</i>	<i>National Career Readiness Certification</i>	<i>College and Career-Readiness Standards</i>	<i>GED® Assessment Targets</i>
Measurements and Formulas	Applied Math <ul style="list-style-type: none"> Decide what information, calculations, or unit conversions to use to find the answer to a problem (Level 5) Convert units within or between systems of measurement (e.g., time, measurement, quantity) where the conversion factor is given either in the problem or in the formula sheet (Level 5) Solve problems that require mathematical operations using mixed units (such as adding 6 feet and 4 inches to 3 feet and 10 inches, or subtracting 4 hours and 30 minutes from 3.5 hours) (Level 5) Calculate the perimeter or circumference of a basic shape, or calculate the area of a basic shape (Level 5) 	2.MD.4, 3.MD.1, 3.MD.2	
Trends and Predictions: Graphs and Data	Applied Math <ul style="list-style-type: none"> Calculate the average or mean of a set of numbers (such as $(10+11+12)/3$). For this, they may use whole numbers and decimals (Level 4) Graphic Literacy <ul style="list-style-type: none"> Identify a trend/pattern/relationship (Level 4) Make an inference or decision (Level 4) Identify the graphic that accurately represents the data (Level 4) 	1.MD.4, 2.MD.10, 3.MD.3	Q.6



MARKETING, SALES AND SERVICE

English/Language Arts Alignment Chart

<i>Lesson</i>	<i>National Career Readiness Certification</i>	<i>College and Career-Readiness Standards</i>	<i>GED® Assessment Targets</i>
A Process for Writing	Workplace Documents <ul style="list-style-type: none"> Choose when to perform a step in a series of steps (Level 4) 	CCR Writing Anchor 4, CCR Writing Anchor 5, CCR Language Anchor 2, CCR Language Anchor 3, CCR Language Anchor 6	W.3
Supplying and Finding Information	Graphic Literacy <ul style="list-style-type: none"> Make an inference or decision (Level 4) 	CCR Reading Anchor 1, CCR Reading Anchor 3, CCR Reading Anchor 7, CCR Language Anchor 4, CCR Language Anchor 6	R.7.2
Writing for Work	Graphic Literacy <ul style="list-style-type: none"> Compare two or more pieces of information (Level 4) 	CCR Writing Anchor 4, CCR Writing Anchor 5, CCR Language Anchor 2, CCR Language Anchor 3, CCR Language Anchor 6	W.3
Reading for a Purpose	Workplace Documents <ul style="list-style-type: none"> Identify the main idea (Level 4) Identify specific details (Level 4) Use the information in the document to figure out the meanings of words or phrases that are not defined for them (Level 4) Infer the meaning of a word or phrase from context (Level 5) 	CCR Reading Anchor 1, CCR Reading Anchor 2, CCR Reading Anchor 3, CCR Language Anchor 4, CCR Language Anchor 6	R.2.1, R.2.2, R.4.1/L.4.1, R.4.3, L.4.3, R.5.1



HOSPITALITY AND TOURISM

Mathematics Alignment Chart

<i>Lesson</i>	<i>National Career Readiness Certification</i>	<i>College and Career-Readiness Standards</i>	<i>GED® Assessment Targets</i>
Number Sense	Graphic Literacy Identify a trend/pattern/relationship (Level 4)	1.NBT.2, 1.NBT.4, 2.NBT.6, 4.NBT.2	Q.1
Solving Problems	Applied Math <ul style="list-style-type: none"> Solve problems that require one or two mathematical operations. They can add, subtract, or multiply using positive or negative numbers (such as 10 or -2), and they can divide positive numbers (such as 10) (Level 4) 	1.NBT.4, 2.NBT.6, 2.NBT.9, 3.NBT.1, 3.NBT.2, 3.NBT.3, 4.NBT.1, 4.NBT.3, 4.NBT.4	Q.1, Q.2
Fractions, Decimals, and Percents	Applied Math <ul style="list-style-type: none"> Figure out simple ratios (such as $\frac{3}{4}$), simple proportions (such as 10/100 cases), or rates (such as 10 mph) (Level 4) Add commonly known fractions, decimals, or percentages (such as $\frac{1}{2}$, 0.75, or 25%) (Level 4) Add or subtract fractions with a common denominator (such as $\frac{1}{4} + \frac{3}{4} + \frac{1}{4}$) (Level 4) Add and subtract fractions with unlike denominators (such as $\frac{1}{2} - \frac{1}{4}$) (Level 5) 	3.NF.2, 4.NF.1, 4.NF.2, 4.NF.3, 4.NF.4, 5.NF.1, 5.NF.7, 6.NS.1	Q.2, Q.3



HOSPITALITY AND TOURISM

Mathematics Alignment Chart

<i>Lesson</i>	<i>National Career Readiness Certification</i>	<i>College and Career-Readiness Standards</i>	<i>GED® Assessment Targets</i>
Measurements and Formulas	Applied Math <ul style="list-style-type: none"> Decide what information, calculations, or unit conversions to use to find the answer to a problem (Level 5) Convert units within or between systems of measurement (e.g., time, measurement, quantity) where the conversion factor is given either in the problem or in the formula sheet (Level 5) Solve problems that require mathematical operations using mixed units (such as adding 6 feet and 4 inches to 3 feet and 10 inches, or subtracting 4 hours and 30 minutes from 3.5 hours) (Level 5) Calculate the perimeter or circumference of a basic shape, or calculate the area of a basic shape (Level 5) 	2.MD.4, 3.MD.1, 3.MD.2	
Trends and Predictions: Graphs and Data	Applied Math <ul style="list-style-type: none"> Calculate the average or mean of a set of numbers (such as $(10+11+12)/3$). For this, they may use whole numbers and decimals (Level 4) Graphic Literacy <ul style="list-style-type: none"> Identify a trend/pattern/relationship (Level 4) Make an inference or decision (Level 4) Identify the graphic that accurately represents the data (Level 4) 	1.MD.4, 2.MD.10, 3.MD.3	Q.6



HOSPITALITY AND TOURISM

English/Language Arts Alignment Chart

<i>Lesson</i>	<i>National Career Readiness Certification</i>	<i>College and Career-Readiness Standards</i>	<i>GED® Assessment Targets</i>
A Process for Writing	Workplace Documents <ul style="list-style-type: none"> Choose when to perform a step in a series of steps (Level 4) 	CCR Writing Anchor 4, CCR Writing Anchor 5, CCR Language Anchor 2, CCR Language Anchor 3, CCR Language Anchor 6	W.3
Supplying and Finding Information	Graphic Literacy <ul style="list-style-type: none"> Make an inference or decision (Level 4) 	CCR Reading Anchor 1, CCR Reading Anchor 3, CCR Reading Anchor 7, CCR Language Anchor 4, CCR Language Anchor 6	R.7.2
Writing for Work	Graphic Literacy <ul style="list-style-type: none"> Compare two or more pieces of information (Level 4) 	CCR Writing Anchor 4, CCR Writing Anchor 5, CCR Language Anchor 2, CCR Language Anchor 3, CCR Language Anchor 6	W.3
Reading for a Purpose	Workplace Documents <ul style="list-style-type: none"> Identify the main idea (Level 4) Identify specific details (Level 4) Use the information in the document to figure out the meanings of words or phrases that are not defined for them (Level 4) Infer the meaning of a word or phrase from context (Level 5) 	CCR Reading Anchor 1, CCR Reading Anchor 2, CCR Reading Anchor 3, CCR Language Anchor 4, CCR Language Anchor 6	R.2.1, R.2.2, R.4.1/L.4.1, R.4.3, L.4.3, R.5.1