Freeport Intermediate
Plan of Action based on Benchmark Data
STAAR Math 8
Week 1

## Language Objective:

I can write about and solve problems involving one-variable equations situations, total cost of repaying a loan, slope and $y$-intercept in proportional and non-proportional situations, direct variation, function representations, scatterplots, transformational geometry, and the Pythagorean Theorem.

| Start Date: 2/12/18 | Monday <br> February 12 | Tuesday February 13 | Wednesday <br> February 14 | Thursday <br> February 15 | Friday <br> February 16 |  | SPED <br> Accommodations: <br> (Shirtum) |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Priority TEKS with overall \% BASED ON MOCK STAAR DATA 8.7B-26.77\%, 8.7C-35.61\% 8.3C-39.14\% 8.8C-41.25\% 8.10C-45.62\% 8.12D-50.76\% 8.5G-52.02\% 8.4C-53.37\% 8.5I-53.54\% 8.5D-54.21\% 8.7A-55.72\% 8.2D-57.24\% | Category 3: <br> Volume and <br> Surface Area <br> Students will find the volume of cylinders, cones, and spheres, and the surface area of rectangular prisms, triangular prisms, and cylinders. <br> 8.7A <br> Solve problems involving the volume of cylinders, cones, and spheres. <br> 8.7B- Use previous knowledge of surface area to make connections to the formulas for lateral and total surface area and determine solutions for problems involving | Category 3: <br> Volume and <br> Surface Area <br> Students will find the volume of cylinders, cones, and spheres, and the surface area of rectangular prisms, triangular prisms, and cylinders. <br> 8.7A <br> Solve problems involving the volume of cylinders, cones, and spheres. <br> 8.7B- Use previous knowledge of surface area to make connections to the formulas for lateral and total surface area and determine solutions for problems involving | Category 3: <br> Volume and <br> Surface Area <br> Students will find the volume of cylinders, cones, and spheres, and the surface area of rectangular prisms, triangular prisms, and cylinders. <br> 8.7A <br> Solve problems involving the volume of cylinders, cones, and spheres. <br> 8.7B- Use previous knowledge of surface area to make connections to the formulas for lateral and total surface area and determine solutions for problems involving | Category 3: <br> Volume and <br> Surface Area <br> Students will find the volume of cylinders, cones, and spheres, and the surface area of rectangular prisms, triangular prisms, and cylinders. <br> 8.7A <br> Solve problems involving the volume of cylinders, cones, and spheres. <br> 8.7B- Use previous knowledge of surface area to make connections to the formulas for lateral and total surface area and determine solutions for problems involving | Category 3: <br> Volume and <br> Surface Area <br> Students will find the volume of cylinders, cones, and spheres, and the surface area of rectangular prisms, triangular prisms, and cylinders. <br> 8.7A <br> Solve problems involving the volume of cylinders, cones, and spheres. <br> 8.78- Use previous knowledge of surface area to make connections to the formulas for lateral and total surface area and determine solutions for problems involving |  |  |

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What is our plan for the TEKS in which we regressed in?

| Start Date: 2/12/18 | Monday <br> February 19 | Tuesday <br> February 20 | Wednesday February 21 | Thursday <br> February 22 | Friday February 23 | ESL Accds: (Woodley) | SPED <br> Accommodations: <br> (Shirtum) |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Priority TEKS with overall \% BASED ON MOCK STAAR DATA <br> 8.7B-26.77\%, <br> 8.7C-35.61\% <br> 8.3C-39.14\% <br> 8.8C-41.25\% <br> 8.10C-45.62\% <br> 8.12D-50.76\% <br> 8.5G-52.02\% <br> 8.4C-53.37\% <br> 8.51-53.54\% <br> 8.5D-54.21\% <br> 8.7A-55.72\% <br> 8.2D-57.24\% | STUDENT HOLIDAY | Category 3: <br> Volume and <br> Surface Area <br> THIS DAY WILL <br> BE USED AS A <br> RETEACH/TEST <br> FOR ANY <br> STUDENT THAT MAY HAVE <br> FAILED THE <br> UNIT 9 TEST. <br> Students will find the volume of cylinders, cones, and spheres, and the surface area of rectangular prisms, triangular prisms, and cylinders. <br> 8.7A <br> Solve problems involving the volume of cylinders, cones, and spheres. | Category 1: <br> Ordering Real <br> Numbers <br> Students will order real numbers in a ascending and descending order using a number line. <br> 8.2D <br> Order a set of real numbers arising from mathematical and real-world contexts. <br> 1. Ordering activities HOMEWORK: Complete activities not finished in class and work on ALEKS Pie. | Category 2: <br> Functions <br> Students will identify functions using sets of ordered pairs, tables, graphs and mappings. <br> 8.5G <br> Identify functions using sets of ordered pairs, tables, mappings and graphs. <br> 1. Functions Activities. <br> HOMEWORK: <br> Complete activities not finished in class and work on ALEKS Pie.. | ALEKS <br> Students will work through problems in their individual ALEKS Pie to increase their completed percentage. HOMEWORK: Work on ALEKS Pie. |  |  |

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What is our plan for the TEKS in which we regressed in?

| Start Date: $2 / 12 / 18$ | Monday <br> February 26 | Tuesday <br> February 27 | Wednesday <br> February 28 | Thursday March 1 | Friday <br> March 2 | ESL Accds: (Woodley) | SPED <br> Accommodations: <br> (Shirtum) |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Priority TEKS <br> with overall \% <br> BASED ON <br> MOCK STAAR <br> DATA <br> 8.7B-26.77\%, <br> 8.7C-35.61\% <br> 8.3C-39.14\% <br> 8.8C-41.25\% <br> 8.10C-45.62\% <br> 8.12D-50.76\% <br> 8.5G-52.02\% <br> 8.4C-53.37\% | Category 2: <br> Model and solve equations <br> Students will solve equations for a specific variable. <br> 8.8C <br> Model and solve one-variable equations with variables on both sides of the equal sign that represent mathematical | 8TH GRADE PSAT | Category 2: <br> Model and solve equations <br> Students will solve equations for a specific variable. 8.8C <br> Model and solve one-variable equations with variables on both sides of the equal sign that represent mathematical | Category 4: <br> Simple and <br> Compound <br> Interest <br> Students will use the Simple and Compound Interest Formulas to find earnings. <br> 8.7A <br> Calculate and compare simple interest and compound | Sam Houston hallway College Trip Category 4: Simple and Compound Interest Students will use the Simple and Compound Interest Formulas to find earnings. <br> 8.7A <br> Calculate and compare simple |  |  |

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What is our plan for the TEKS in which we regressed in?

| Start Date: 2/12/18 | Monday <br> March 5 | Tuesday March 6 | Wednesday March 7 | Thursday March 8 | Friday March 9 | ESL Accds: (Woodley) | SPED <br> Accommodations: <br> (Shirtum) |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Priority TEKS with overall \% BASED ON MOCK STAAR DATA <br> 8.7B-26.77\%, <br> 8.7C-35.61\% <br> 8.3C-39.14\% <br> 8.8C-41.25\% <br> 8.10C-45.62\% <br> 8.12D-50.76\% <br> 8.5G-52.02\% <br> 8.4C-53.37\% <br> 8.5I-53.54\% <br> 8.5D-54.21\% <br> 8.7A-55.72\% <br> 8.2D-57.24\% | Category 2: <br> Slope and <br> Y-Intercept <br> 8.4B- graph <br> proportional <br> relationships, <br> interpreting the <br> unit rate as slope <br> of the line that <br> models the <br> relationship. <br> 8.4C-use data <br> from a table or <br> graph to <br> determine the <br> rate of change or <br> slope and <br> y-intercept in <br> mathematical <br> and real world <br> problems. <br> 8.51- write an <br> equation in the <br> form $\mathbf{y}=\mathrm{mx}+\mathrm{b}$ to <br> model a linear <br> relationship <br> between two <br> quantities using | Category 2: <br> Slope and <br> Y-Intercept <br> 8.4B- graph <br> proportional <br> relationships, <br> interpreting the <br> unit rate as slope <br> of the line that <br> models the <br> relationship. <br> 8.4C-use data <br> from a table or <br> graph to <br> determine the <br> rate of change or <br> slope and <br> $y$-intercept in <br> mathematical <br> and real world <br> problems. <br> 8.51- write an <br> equation in the <br> form $y=m x+b$ to <br> model a linear <br> relationship <br> between two <br> quantities using | Category 2: <br> Slope and <br> Y-Intercept <br> 8.4B- graph <br> proportional <br> relationships, interpreting the unit rate as slope of the line that models the relationship. <br> 8.4C-use data from a table or graph to determine the rate of change or slope and y-intercept in mathematical and real world problems. 8.51- write an equation in the form $y=m x+b$ to model a linear relationship between two quantities using | Category 2: <br> Slope and <br> Y-Intercept <br> 8.4B- graph <br> proportional <br> relationships, interpreting the unit rate as slope of the line that models the relationship. <br> 8.4C-use data <br> from a table or graph to determine the rate of change or slope and y-intercept in mathematical and real world problems. 8.51- write an equation in the form $\mathbf{y}=\mathrm{mx}+\mathrm{b}$ to model a linear relationship between two quantities using | $\begin{array}{\|l} \text { UT BC TRIP } \\ \text { ALEKS } \end{array}$ |  |  |

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STAAR Math 8
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scatterplots, transformational geometry, and the Pythagorean Theorem.

| Assessment Date: | March 29, 2018 | March 29, 2018 | March 29, 2018 | March 29, 2018 | March 29, 2018 |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Progress: | $\begin{aligned} & \hline 8.7 \mathrm{~A} \\ & 8.7 \mathrm{~B} \end{aligned}$ | $\begin{aligned} & 8.7 \mathrm{~A} \\ & 8.7 \mathrm{~B} \end{aligned}$ | $\begin{aligned} & \hline 8.7 \mathrm{~A} \\ & 8.7 \mathrm{~B} \end{aligned}$ | $\begin{aligned} & \hline 8.7 \mathrm{~A} \\ & 8.7 \mathrm{~B} \end{aligned}$ | $\begin{aligned} & 8.7 \mathrm{~A} \\ & 8.7 \mathrm{~B} \end{aligned}$ |  |
| Tutoring <br> Groups: <br> Tier I: after school <br> Tier II: after school <br> Tier II: Prime Time <br> Tier III: Prime Time | ```Tier I: (anyone w/o a label) 1. 2. 3. 4. 5. 7. 8.``` | ```Tier II (Bubble w/o a label) 1. 2. 3. 4. 5. 7. 8``` | ```Tier II (ESL, 504) 1. 2. 3. 4. 5. 7. 8``` | ```Tier III (SPED) 1. 2. 3. 4. 5. 7. 8``` |  |  |

What is our plan for the TEKS in which we regressed in?

| Start Date: 2/12/18 | Monday March 19 | Tuesday March 20 | Wednesday <br> March 21 | Thursday March 22 | Friday March 23 | ESL Accds: (Woodley) | SPED <br> Accommodations: <br> (Shirtum) |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Priority TEKS with overall \% BASED ON MOCK STAAR DATA <br> 8.7B-26.77\%, <br> 8.7C-35.61\% <br> 8.3C-39.14\% <br> 8.8C-41.25\% | Category 3: Transformations on the coordinate plane Students determine the effects of figures on a coordinate plane when given | Category 3: Transformations on the coordinate plane Students determine the effects of figures on a coordinate plane when given | Science Mock STAAR | Category 3: Transformations on the coordinate plane Students determine the effects of figures on a coordinate plane when given | Category 3: Pythagorean Theorem Students will find the missing length of a right triangle using the Pythagorean Theorem. |  |  |

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I can write about and solve problems involving one-variable equations situations, total cost of repaying a loan, slope and $y$-intercept in proportional and non-proportional situations, direct variation, function representations, scatterplots, transformational geometry, and the
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What is our plan for the TEKS in which we regressed in?

| Start Date: <br> 2/12/18 | Monday <br> March 26 | Tuesday <br> March 27 | Wednesday <br> March 28 | Thursday <br> March 29 | Friday <br> March 30 | ESL Accds: <br> (Woodley) |
| :--- | :---: | :---: | :---: | :---: | :---: | :--- |

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| Priority TEKS with overall \% BASED ON MOCK STAAR DATA <br> 8.7B-26.77\%, <br> 8.7C-35.61\% <br> 8.3C-39.14\% <br> 8.8C-41.25\% <br> 8.10C-45.62\% <br> 8.12D-50.76\% <br> 8.5G-52.02\% <br> 8.4C-53.37\% <br> 8.51-53.54\% <br> 8.5D-54.21\% <br> 8.7A-55.72\% <br> 8.2D-57.24\% | Category 3: <br> Pythagorean <br> Theorem <br> Students will find the missing length of a right triangle using the <br> Pythagorean <br> Theorem. <br> 8.7B- Use <br> previous <br> knowledge of surface area to make connections to the formulas for lateral and total surface area and determine solutions for problems involving rectangular prisms, triangular prisms, and cylinders. <br> 1. Volume and Surface Area Activities. <br> HOMEWORK: <br> Complete activities not finished in class and work on ALEKS Pie. | Category 3: <br> Volume <br> Students will find the volume of cylinders, cones, and spheres, and the surface area of rectangular prisms, triangular prisms, and cylinders. <br> 8.7A <br> Solve problems involving the volume of cylinders, cones, and spheres. <br> 8.7B- Use <br> previous <br> knowledge of surface area to make connections to the formulas for lateral and total surface area and determine solutions for problems involving rectangular prisms, triangular prisms, and cylinders. | Category ${ }^{3:}$ <br> Surface Area <br> Students will find the volume of cylinders, cones, and spheres, and the surface area of rectangular prisms, triangular prisms, and cylinders. <br> 8.7A <br> Solve problems involving the volume of cylinders, cones, and spheres. <br> 8.7B- Use <br> previous <br> knowledge of surface area to make connections to the formulas for lateral and total surface area and determine solutions for problems involving rectangular prisms, triangular prisms, and cylinders. | UNIT 10 <br> MAKING CONNECTIONS TEST <br> Students will answer question on the Making Connections unit test. WE WILL USE THE DATA FROM THIS TEST TO HELP US FOCUS OUR REVIEW FOR THE REMAINDER OF OUR DAYS UNTIL STAAR. HOMEWORK: Complete activities not finished in class and work on ALEKS Pie. | GOOD FRIDAY |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |

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scatterplots, transformational geometry, and the
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What is our plan for the TEKS in which we regressed in?

| Start Date: <br> 2/12/18 | Monday <br> April 2 | Tuesday <br> April 3 | Wednesday <br> April 4 | Thursday <br> April 5 | Friday <br> Aprill 6 | ESL Accds: <br> (Woodley) |
| :--- | :---: | :---: | :---: | :---: | :---: | :--- |

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| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Resources: | TBD | TBD | TBD | TBD | TBD |  |  |
| End Date: | February 16, 2018 | February 16, 2018 | February 16, 2018 | February 16, 2018 | February 16, 2018 |  |  |
| Assessment Date: | March 29, 2018 | March 29, 2018 | March 29, 2018 | March 29, 2018 | March 29, 2018 |  |  |
| Progress: | $\begin{aligned} & \text { 8.7A } \\ & 8.7 B \end{aligned}$ | $\begin{aligned} & \hline 8.7 \mathrm{~A} \\ & 8.7 \mathrm{~B} \end{aligned}$ | $\begin{array}{\|l} \hline 8.7 \mathrm{~A} \\ 8.7 \mathrm{~B} \end{array}$ | $\begin{array}{\|l} \hline 8.7 A \\ 8.7 B \end{array}$ |  |  |  |
| Tutoring <br> Groups: <br> Tier I: after <br> school <br> Tier II: after <br> school <br> Tier II: Prime <br> Time <br> Tier III: Prime Time | ```Tier I: (anyone w/o a label) 1. 2. 3. 4. 5. 7. 8.``` | ```Tier II (Bubble w/o a label) 1. 2. 3. 4. 5. 7. 8``` | ```Tier II (ESL, 504) 1. 2. 3. 4. 5. 7. 8``` | ```Tier III (SPED) 1. 2. 3. 4. 5. 7. 8``` |  |  |  |

What is our plan for the TEKS in which we regressed in?

| Start Date: 2/12/18 | Monday <br> April 9 | Tuesday April 10 | Wednesday | Thursday | Friday | ESL Accds: (Woodley) | SPED <br> Accommodations: <br> (Shirtum) |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Priority TEKS with overall \% BASED ON MOCK STAAR DATA | Category 3: <br> Volume and <br> Surface Area <br> Students will find play kahoot and quizlet to have a | 1. Volume and Surface Area Activities. <br> HOMEWORK: Complete activities | Category 3: Volume and Surface Area Students will find the volume of cylinders, cones, | Category 3: <br> Volume and <br> Surface Area <br> Students will find <br> the volume of <br> cylinders, cones, | Category 3: Volume and Surface Area Students will find the volume of cylinders, cones, |  |  |

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| 8.7B-26.77\%, <br> 8.7C-35.61\% <br> 8.3C-39.14\% <br> 8.8C-41.25\% <br> 8.10C-45.62\% <br> 8.12D-50.76\% <br> 8.5G-52.02\% <br> 8.4C-53.37\% <br> 8.51-53.54\% <br> 8.5D-54.21\% <br> 8.7A-55.72\% <br> 8.2D-57.24\% | fun review on our last day before the STAAR. <br> WE WILL DISCUSS WITH OUR STUDENTS WHY IT 15 IMPORTANT TO STAY ACWARE THE WHILE <br> TESTING AND USE <br> STRATEGIES TO SOLVE PROBLEMS. <br> HOMEWORK: <br> Complete activities not finished in class and work on ALEKS Pie. | not finished in class and work on ALEKS Pie. | and spheres, and the surface area of rectangular prisms, triangular prisms, and cylinders. <br> 8.7A <br> Solve problems involving the volume of cylinders, cones, and spheres. <br> 8.7B- Use <br> previous <br> knowledge of surface area to make connections to the formulas for lateral and total surface area and determine solutions for problems involving rectangular prisms, triangular prisms, and cylinders. <br> 1. Volume and Surface Area Activities. | and spheres, and the surface area of rectangular prisms, triangular prisms, and cylinders. <br> 8.7A <br> Solve problems involving the volume of cylinders, cones, and spheres. <br> 8.7B- Use <br> previous <br> knowledge of surface area to make connections to the formulas for lateral and total surface area and determine solutions for problems involving rectangular prisms, triangular prisms, and cylinders. <br> 1. Volume and Surface Area Activities. |
| :---: | :---: | :---: | :---: | :---: |

and spheres, and
the surface area
of rectangular
prisms, triangular
prisms, and
cylinders.
8.7A
Solve problems
involving the
volume of
cylinders, cones,
and spheres.
8.7B- Use
previous
knowledge of
surface area to
make
connections to
the formulas for
lateral and total
surface area and
determine
solutions for
problems
involving
rectangular
prisms,
triangular
prisms, and
cylinders.

1. Volume and
Surface Area
Activities.
HomEWork:
Complete activities
not finished in class not finished in class

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