DEMS Virtual Learning Plan

Grade 7 Math / Science

20-21, Trimester 1, October 18					
	Sunday	Monday	Tuesday	Wednesday	Thursday
Math	**Goal :** -Review key concepts and address misconceptions and common mistakes -Expose students to several problem solving strategies -Familiarize students with key math vocab to use in detailed explanations **Targets :** **7.RP.A:** Analyze proportional relationships and use them to solve real- world and mathematical problems. **Activities :** -Review key concepts and address misconceptions and common mistakes -Solve a range of problems using tables, graphs and equations.	**Goal :** -Review key concepts and address misconceptions and common mistakes -Expose students to several problem solving strategies -Familiarize students with key math vocab to use in detailed explanations **Targets :** **7.RP.A** Analyze proportional relationships and use them to solve real- world and mathematical problems. **Activities :** Solve a range of problems using tables, graphs and equations.	**Goal :** Assess student knowledge and math practices using real-world problems related to proportionality **Targets :** **7.RP.A** Analyze proportional relationships and use them to solve real- world and mathematical problems. **Activities :** **RP Assessment:** Solving problems related to Proportional Relationships using tables, Graphs and Equations	**Goal :** Introduce Number system of Rational Numbers **Targets :** **7.RP.A:** Analyze proportional relationships and use them to solve real- world and mathematical problems. **Activities :** What are numbers? Rational numbers? Kahoot activity	**Scorpion Day**
Science	**Goal :** -Test the density of bath bomb gases -Use supporting evidence to make a claim about	**Goal :** -Add new scientific ideas to notebook -Discuss what the data means	**Goal :** Make observations of new related phenomenon	**Goal :** Assess students on use of data and key scientific ideas to write a claim supported by evidence	

	which gas is produced. **Targets :** **MS-PS1-2:** Analyze and interpret data on the properties of substances before and after the substances interact to determine if a chemical reaction has occurred. **Activities :** -Watch the video demonstrating the density of bath bomb gas and discuss results -Update the progress tracker with new data/evidence -Complete a CER for the following question: What gas(es) could be produced by a bath bomb?	-Review what we know so far -Improve on CER by adding data and scientific ideas. **Targets :** **MS-PS1-2:** Analyze and interpret data on the properties of substances before and after the substances interact to determine if a chemical reaction has occurred. **Activities :** -Share and discuss claims, evidence, and reasoning for identifying the bath bomb gas. -Discuss questions about how we know a new substance is there and what we think is happening to the particles. -Explain what you can with what we have done so far.	**Targets :** **MS-PS1-2:** Analyze and interpret data on the properties of substances before and after the substances interact to determine if a chemical reaction has occurred. **Activities :** Watch a video on a related phenomena and complete the first half of the assessment.	about a new related phenomena. **Targets :** **MS-PS1-2:** Analyze and interpret data on the properties of substances before and after the substances interact to determine if a chemical reaction has occurred. **Activities :** Watch video 2 and complete the rest of your observations and assessment	
Google Meet	**7 BLUE** **Morning Meeting (ALL):** Time : 8-8:30 **Instruction / Small Group Appointments** Team : All	**7 BLUE** **Morning Meeting (ALL):** Time : 8-8:30 **Instruction / Small Group Appointments** Team : All	**7 BLUE** **Morning Meeting (ALL):** Time : 8-8:30 **Instruction / Small Group Appointments** Team : All	**7 BLUE** **Morning Meeting (ALL):** Time : 8-8:30 **Instruction / Small Group Appointments** Team : All	

	Time : 8:30-9:15 Goal : Review for assessment and address misconceptions and common mistakes **7 GOLD** **Morning Meeting (ALL):** Time : 8-8:30 **Instruction / Small Group Appointments** Team : All Time : 9:15-10 Goal : Review for assessment and address misconceptions and common mistakes **7 WHITE** **Morning Meeting (ALL):** Time : 8-8:30 **Instruction / Small Group Appointments** Team : All	Time : 12:30-1:15 Goal : -Add new scientific ideas to notebook -Discuss what the data means -Review what we know so far -Improve on CER by adding data and scientific ideas. **7 GOLD** **Morning Meeting (ALL):** Time : 8-8:30 **Instruction / Small Group Appointments** Team : All Time : 1:15-2 Goal : -Add new scientific ideas to notebook -Discuss what the data means -Review what we know so far -Improve on CER by adding data and scientific ideas. **7 WHITE** **Morning Meeting (ALL):** Time : 8-8:30 **Instruction / Small Group Appointments** Team : All	Time : 8:30-9:15 Goal : Assess student knowledge and math practices using real-world problems related to proportionality **7 GOLD** **Morning Meeting (ALL):** Time : 8-8:30 **Instruction / Small Group Appointments** Team : All Time : 9:15-10 Goal : Assess student knowledge and math practices using real-world problems related to proportionality **7 WHITE** **Morning Meeting (ALL):** Time : 8-8:30 **Instruction / Small Group Appointments** Team : All	Time : 12:30-1:15 Goal : **Assessment:**Use data and key scientific ideas to write a claim supported by evidence about a new related phenomena. **7 GOLD** **Morning Meeting (ALL):** Time : 8-8:30 **Instruction / Small Group Appointments** Team : All Time : 1:15-2 Goal : **Assessment:**Use data and key scientific ideas to write a claim supported by evidence about a new related phenomena. **7 WHITE** **Morning Meeting (ALL):** Time : 8-8:30 **Instruction / Small Group Appointments** Team : All	

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Optional Extension Activities and Resources	

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