Remote Learning ~ Week At-A-Glance
AGATE 3-4
May 4-8

AGATE 3-4	Mrs. Taylor and Mrs. Fairchild

Please do your online check in as soon as possible.
Need help? Email Haley Warr at hwarr@nkschools.org for help.
Learning from home looks different from learning at school, even the guidelines for how much time a student should spend learning are different.
Please remember to dedicate **60-90 minutes** to Remote Learning **each day.**

ELA & Math	ELA	Math
	• **Table of Content**: At this point, your table of content might look like this... **(Tab) Scientific Method: pgs. 1-3** **(Tab) Simple Machines: pgs. 4-6** **(Tab) Variables: pgs. 7-9** New tab for this week: **(Tab) Engineering Design Process pgs. ?** • **Scientific Method/Data Analysis:** notes on the scientific method. • **Simple Machines:** notes on simple machines and material's list. • **Variables:** Notes on variables, scientific drawings and two-wheeler trials. • **Glossary:** Add new vocabulary • **Scientists Poem**: Put a red circle around all the nouns (person, place or thing)	• IXL Skills-Fact Fluency • 4th grade J-skills, 5th grade W- skills. We know you may not have finished these skills yet. Continue any you have not finished from last week. • IXL 4th grade-N skills, 5th grade- Z skills. Focus, primarily on the linear measurement skills. • IXL 6th grade-Science Tab- B-2 Identify independent and dependent variables. **We are hoping students spend approximately 15-20 minutes a day** Measurement activity: • Collect measuring tools: ruler, yardstick, tape measure, meter stick etc. • After watching the science videos and collecting materials for your catapult, run your trials! Like two-wheelers, run your trials. Measure the distances your projectile went. • Using a calculator, to compute the average of your trials. Ask a parent for help if needed!

	• **Yes Ma'am Poem:** Highlight with yellow all the verbs • Engineering and Design Process graphic (below) cut out and glue into notebook under your engineering tab. • Using your notes for the Scientific Method and the Engineering process, compare and contrast these two processes, on the **Venn Diagram** provided or make your own on loose paper.	
	Social Studies	Science
	ontinue researching a topic of our choosing. It can be nything that interests you! hese notes can be kept in a eparate notebook or loose-eaf paper. Remember, notes an be in word form or ketches; it's up to you!)ver the next two weeks we vill be having you design a one-ager around your topic of hoice. This one-pager should e completed by May 15th. Ve will then pick a day for a ew kids to share with us via oom. emember to look at your one-ager expectations and rubric esource in your binder **or on he website under ELA**.	• Mystery Doug Inventions • Rosie Revere, Engineer- Listen to this read aloud from space • Kid President Inventions • *News ELA Article and Quiz - Attached or on website. Read article and complete quiz using article to support your answers. _____**Experiment** • Science Max Catapult Take notes • Pinterest Search- With your parents' permission go on Pinterest or other trusted sites to come up with design ideas for your catapult. Make a list of possible materials. After visiting the above Pinterest page, collect materials from around your house to make your catapult. 1. Design and make a catapult 2. Make a scientific drawing of your catapult in your notebook behind the engineering design process tab. 3. Set your catapult up on a desk or table. Launch your projectile 3 times and record how far it went each time on the attached document. 4. Change **ONE** variable on your catapult. (For example: you could change the

		length of the arm or use different rubber bands.) 5. Make a second scientific drawing of your new catapult and write a hypothesis of how you think the change will affect the distance your projectile travels. Write this under your second scientific drawing. 6. Try it! Record how far it launches. 7. Compare your results! Which catapult performed better overall? You can run as many trials as you want. Just remember to only change **ONE** variable at a time. Be prepared to share your **Results** at next Monday's zoom meeting. Send us pictures of you doing your experiments.
Specialist Time	PE/MUSIC	Library/Technology
Connect with Your Teacher	Office Hours every day 9:35-10:15, teachers are available by email or pre-arranged phone call during this time.	
Connect with Other Students	Class Meeting EVERY Monday 9:35-10:15 visa ZOOM conference call **Parents: please do your online check in as soon as possible. If you need help with this, please email Haley Warr at hwarr@nkschools.org**	
Friday Feedback	*News ELA attached article and quiz	

Catapult Results: Recording Sheet

Directions: Now, you get to test out your catapults. Completing 3 attempts for each trial, measure the distance the projectile traveled for each launch and record it. Then figure the mean for each trial. Now change *ONE variable only* and complete 3 launches for a second trial. Record distance for each launch and then find the mean.

Catapult	Measurement launch #1	Measurement launch #2	Measurement launch #3	Mean/Average

Trial 1				
Trial 2				
(optional) Trial 3				
Trial 4				
Trial 5				
Trial 6				

ENGINEERING DESIGN PROCESS