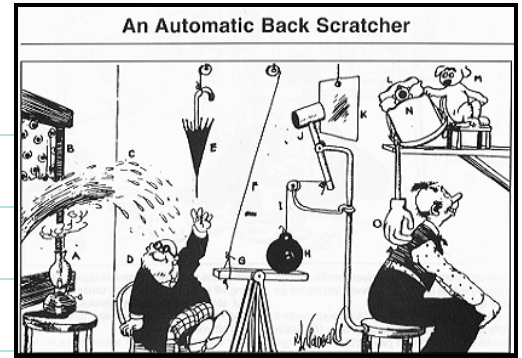


FROM THE DESK OF MRS. KUUSELA...

Rube Goldberg Contraptions 2D Simple Inventions????



would really work. I told them we were going to think logically about illogical situations. In other words, the steps of their machines must follow chain reactions that could possibly happen given enough time and luck! Their

drawings and explanations had to make sense to the reader, even if the idea was farfetched. Machine purposes ranged from "A New Sport for Old People" to an "Alarm Clock that Never Rings."

June 3, 2016

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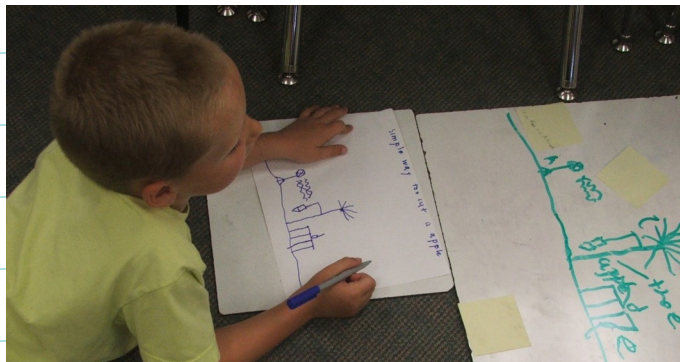
Special points of interest:

- ✓ Rube Goldberg Contraptions Simple 2D Inventions???
- ✓ Rube Goldberg Contraptions 3D Chain Reactions
- ✓ Studies for Next Year

During the past two weeks, students were introduced to the marvelous mind of Rube Goldberg. Once they understood the step by step sequencing of his "simple" machines, they were asked to invent their own machines in the style of Rube G.

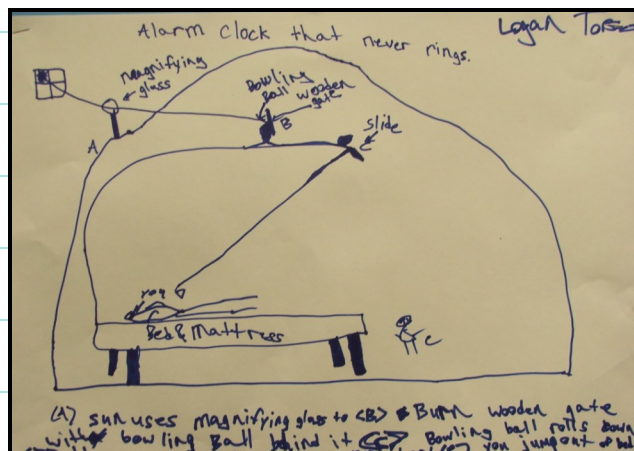
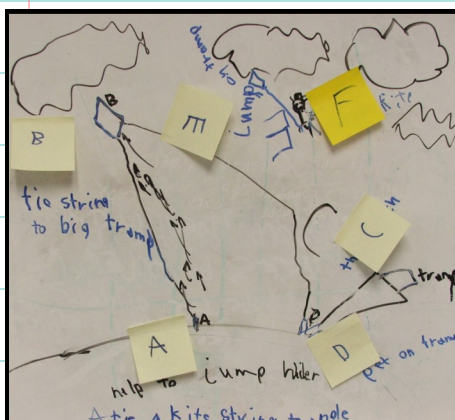
The 2-D Process

We brainstormed machine purposes and deciphered several contraptions drawn by Rube. We noted the energy sources, the mechanical parts and the probability the gadget



Below: Prototype of a Kite Riding machine 1st gr.

Right: 2nd gr. Alarm clock that never rings



Inside this issue:

- Rube Goldberg 3D Challenge 2-3
- Looking Forward to Next Year 3
- June-August Calendar 4

3D Rube Contraptions



**The Simple
"Ring a Bell"
Contraption**

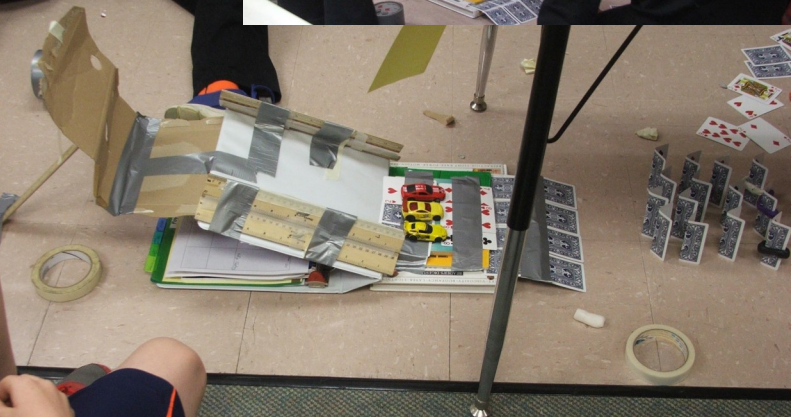


While grades 1-3 worked on their 2-D versions of Rube contraptions, gr.4-5 were assigned a 3-D challenge.

Rube Contraptions: 3D

Construct a machine which rings a bell in the greatest number of steps possible. Inspiration was achieved by watching You Tube Videos of the latest Rube Goldberg Chain Reaction machines designed by High School Physics students. The process was a test of perseverance and the results were definitely NOT aesthetically

pretty to the eye. The only stipulations were that the contraption worked to ring the bell. Trial and error was at the heart of this learning experience. Many rolls of tape and plastic cups gave their lives for this mission.





Grades 1-2 were asked to use Legos to create a chain reaction machine called a "Quintopple". The Quintopple started the chain reaction with a small ball. Students then created shoots, levers, and ramps to create as many steps as possible to make a bell ring.

Looking Forward to Next Year



Two of my favorite topics of study will be presented next year. Both studies will culminate in field trips to the Science Center.

Sherlock: A Mystery Awaits

Sherlock is coming to the Science Center next fall!! Footprints, splatter patterns and the powers of observation mark the journey through *The International Exhibition of Sherlock Holmes*. The interactive experience combines science with history and culture to bring to life the historic underpinnings of author Sir Arthur Conan Doyle.



The exhibit also features original manuscripts, period artifacts, and investigative tools that would have influenced Sherlock Holmes. There will be interactive crime solving opportunities at the exhibit. Students will be transported into Sherlock Holmes' London to solve a crime in a world filled with innovation and experimentation. Students will be introduced to ground-breaking methods of today's forensic science. And last but not least a unit on Sherlock would not be complete without reading some of the classic mystery tales.

Terra Cotta Warriors: Guards for Eternity

Imagine a life-size clay army, sculpted to represent the faces of individual warriors. Include their mounts and bury them in battalions for protection in the after-life. Students will be able to see actual terra cotta warriors from China next spring. This exhibit will provide a great



opportunity to study Chinese history and the culture which created this wonder of the ancient world. The exhibit will only be shown in two museums in the United States, so this is truly a rare opportunity for us to learn about "the Guards for Eternity."



June-August 2016

June

Wednesday, 6/1/16	May Student of the Month for Diligence announced during announcements today 1 st Grade fieldtrip to Pioneer Museum & Kangaroo Farm in Arlington, 9:45-1:45
Thursday, 6/2/16	5 th Grade walking FT to S-W Public Library, 1:15 – 3:00 STAR/DIBELS testing for K & 1 st grades – no Title Services Last day of HiCap for 2 nd and 4 th grades! Last day for Speech Services! CPG Meeting, Library, 6:30 p.m.
Friday, 6/3/16	2 nd & 4 th grades fieldtrip to IMAX Theater in B'ham, lunch @ Riverfront Park, 9:15-2:15 6 th grade fieldtrip to Pacific Science Center in Seattle, 8:00 – 3:15 Last day of HiCap for 1 st , 3 rd & 5 th grades! Prepaid yearbooks delivered to students today!
Monday, 6/6/16	5 th Grade fieldtrip to CMS for Orchestra/Choir concert Central Talent Show Staging Rehearsal after school today. 2015/2016 Yearbooks for sale: \$15.00 each, until they are gone!!
Tuesday, 6/7/16	Patrol/ASB/Student of the Month/Honor Roll Reward Fieldtrip, Arne Hannah, 10:45-3:15
Wednesday, 6/8/16	McRae/Howell & Taubenheim/Moran (reading buddies) walking to Riverfront Park, 1 – 3:20
Thursday, 6/9/16	Kindergarten fieldtrip to Everett Imagine Children's Museum, 9:30 – 3:15 3 rd grades fieldtrip to Woodland Park Zoo in Seattle, 9:40 – 3:15 1 st Grade walking fieldtrip to the SW Library & lunch at the Park, 11:15 to after lunch State Street HS Graduation, SWHS Auditorium, 7:00 p.m.
Friday, 6/10/16	Central BBQ/Playday, p.m. following the BBQ lunch, 11 – 3:00 SWHS Graduation, Cubs Stadium, 7:00 p.m.
Monday, 6/13/16	Central Awards Assembly, Gym for all students, 10:00 a.m. K-3 Student of the Month Reward Recess, 3:00 Central Talent Show Dress Rehearsal after school today. School Board Meeting, SSB, 7:00 p.m.
Tuesday, 6/14/16	LAST DAY OF SCHOOL! 11:30 a.m. Central Talent Show, Gym, 9:45 a.m.
6/22/16 thru 8/19/16	SWSH Summer Meal Program @ Central, CMS & LY, 11:45 – 12:45
Thursday, 6/30/16	District Office lobby closed during the month of July. June and August will have regular business hours of 8am to 430pm.

July

7/1/16 thru 7/31/16	During July, the District Office Lobby will be closed. The back door will be open for mail and parcel delivery and for staff appointments only.
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August

8/8/16 thru 8/25/16	Summer School at Central! M – Th, 9:30 – 2:30
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“Every student graduates with the knowledge and skills for future learning and success”