

- Payroll - Mrs. Douglas reviewed the payroll and finds it to be in order.
- Correspondence: None

FHS Student Representatives: Alanna Lynch advised the Committee that today there was a debrief about the Chris Herron presentation, it was powerful and impactful for the students. Alanna also advised that the High School will be having a Science Night on Thursday, March 10th for students from Kindergarten to Grade 8 from 6-8 p.m. at the High School. There will be different activities related to science.

Julie Harrington advised the Committee that the Boy's Basketball and Boy's Hockey teams both moved to the tournaments. Hockey is playing right now in Bourne and Basketball plays tomorrow, we wish them the best of luck. The Class of 2018 is having a canned food drive where students can drop off canned food in the front of the building. Student Government elections are on Friday, the next time I come here I will be accompanied by my new President. The official graduation countdown is 86 days.

2. Guests/Presentations:

a. Annie Sullivan Middle School Update - (see powerpoint)

Ms. Wittcoff advised the Committee that Annie Sullivan has a presentation from the 8th grade Science Department and 8th grade students. Ms. Wittcoff introduced Mr. Procacini and Mrs. Julie Viveiros.

Mr. Procacini and Mrs. Viveiros advised the Committee that they are going to discuss developing scientific literacy with their 8th graders, Tyler Broga, Kelsey MacCallum, Samuel Stowell and Jenna Van-Hyning.

Mrs. Viveiros advised that as part of their 8th grade human body systems unit, she and Mr. Procaccini developed an argument writing assignment focusing on the nervous system particularly on the brain and memory.

Mr. Procaccini advised the Committee that in addition to requiring our students to meet science content standards we really wanted to make sure there were literacy standards included as well.

The students advised the Committee that their tasks were to determine how the organization of information affects working memory.

The students asked for 4 volunteers (Vanessa Bilello, Denise Schultz, Julie Harrington and Alanna Lynch volunteered) to enlist in a memorization activity.

After the activity, the students found that the results aligned with what they had found in class. The letters on the first card which were in the order of recognizable words were easier to recall than those that were on the 2nd card that had no recognizable pattern.

The students advised the Committee that they are currently working on a writing assignment to close out their genetics unit. They recently watched the Documentary, Life According to Sam.

Dr. O'Malley thought this was an excellent presentation and is pleased that Science is not just memorizing and answering questions at the end of a chapter. Dr. O'Malley congratulates all of them on this project.

Ms. Scofield commented that there is an intern where she works, who is a senior in college and she would have loved this. It was a great presentation, thank you.

Dr. Bergen, also thanked the students and commented on the level of work from educators with planning an integrated lesson, the school is to be commended, as well as the teachers and the students, it is so beautifully integrated, thank you. It is very powerful.

Ms. Bilello agrees that to see the ongoing professional development with Keys to Literacy to come out in a science presentation, is outstanding. To see through the Massachusetts Frameworks expectations that we are building critical thinking, utilizing analysis across the curricula areas is just fantastic and to hear such well spoken 8th graders, gives us pride, thank you to all of you.

Dr. O'Malley, thank you from all of us, very well done.

Recess (2 minutes)

b. Remington Middle School Update (see powerpoint)

Mr. Wildeman advised the Committee that in following Ms. Wittcoff's lead they decided that the Committee would rather hear from the students, not from us. Mr. Wildeman introduced Lucia Kehoe (unfortunately her partner John McNulty was unable to attend). Lucia will lead the presentation. Mr. Wildeman explained that they have created an

exciting opportunity at Remington. Mr. Wildeman publically thanked Ms. Kathy Sanford, the parent of a 7th grade student, who is the Director of research and design at the Highlander Institute and was at the forefront of blended learning. Ms. Sanford spent the year last year coming in to Ms. Chitty's 6th grade classroom, which her daughter as well as Lucia and John were a part of. She came in to help Ms. Chitty integrate technology in the classroom. She also witnessed Lucia and John doing some amazing things based on technology and that led us to come up with the idea to create what we call Tech Titans. The presentation will explain what the Tech Titans are. We have two (2) Tech Titans at Remington with Lucia being one of them.

Lucia led the presentation and explained that the Tech Titans are a small group of technologically experienced students who help teachers and other staff in the building with day to day problems, etc. She and John attend all their classes and still obtain good grades while also helping teachers in the building with technology. The Tech Titans provide many services for the staff including research of tech products, create websites, sometimes apps and how to use different types of software.

Lucia explained that they have had several achievements. Lucia and John created an app for a cluster/team called the Gladiators. She also explained they have made websites for multiple teachers and kahoots. Kahoots are a highly engaging trivia game using technology. Lucia explained they have also created a survey and a help request form. She advised that her and John will meet after school and try to get as many of the requests from the teacher's done as they can.

Lucia explained that they plan to hold workshops for teachers, continue to investigate new technology that can be incorporated in their classroom and hope to recruit new members.

Mr. Wildeman added that while he is listed as the advisor, he is readily being advised by the students. There is very little that he has done for this other than provide the table to sit at to talk. All of what you saw was generated by the students. It is pretty amazing from Sullivan's presentation and our presentation to see what the students are involved in and where they are going. Mr. Wildeman notes that they are really excited about it, it is a pilot program for us. The teachers are beyond appreciative of it.

Dr. O'Malley asked how did you become so good at technology?

Lucia explained that she was always interested in it and thought computers were fun. Started investigating to see what she could do.

Dr. O'Malley asked if she had help at home?

Lucia explained that yes, sometimes she did. Her parents use a lot of technology for their work so sometimes they can help her.

Ms. Scofield asked about the website you developed, how long did it take you to develop the website and have it be what you wanted it to be?

Lucia explained that they use google sites a lot and we have made multiple websites so now it has become habit for us and can do it pretty quickly. We have made websites in 15 minutes.

Ms. Scofield was surprised that it took 15 minutes. She explained that one of her co-workers agonized for a very long time developing a website. Thank you, very nice job.

Ms. Schultz asked Lucia what inspired her to start this and be involved in that way? It is amazing work and she is so in awe.

Lucia explained that the app we made last year brought to Mr. Wildeman's attention how much John and I can do. Some teachers were asking for help in our team and use technology in the classroom.

Dr. Jewell commented that it is amazing what a young brain can do when it is not told what it can't do. He continually sees what the young kids can do. There is so much available to them now. There is no limit on what you can do because your mind hasn't been told yet that you can't do it. Thinks it is a wonderful idea of being able to expand the thought process and share with teachers, etc.

Dr. O'Malley comments that Lucia is a perfect example, when we talk about education, how we used to educate back then, now 7th graders educating teachers. We are very well equipped in this district with technology devices and we have students who take the resource and run with it, fabulous!

Dr. Bergen comments that it got her to thinking that American kids and education is always being criticized that we cannot compete internationally. The difference is that American kids are innovative and creative. Good work!

Dr. Sabolinski commented that she was going to get her connected with the Tech director and also advised the Committee that later she was going to share that one of our High School Seniors, Emily Waite who started as a sophomore on our STAR team at the High

Dr. O'Malley noted that what impressed him was that it involved the whole school. One of the better assemblies he has ever seen. He would love to see the Crazy Reading Ladies!

Dr. Sabolinski advised that the Crazy Reading Ladies will be coming to the School Committee and will be bringing the gift that Casey Sherman gave to the school which was a piece of the hull of the ship.

Dr. Bergen commented that the Crazy Reading Ladies really involve the students., it is amazing.

Dr. Sabolinski advised that she and Miriam along with Mrs. Schultz attended the MASC Breakfast Summit.

Dr. Sabolinski asked Mrs. Schultz her thoughts on the Breakfast Summit?

Ms. Schultz advised that she knows that we are in a change with our current lunch program, but maybe in the future would like to look into some of the ideas she heard today.

School Committee - Sub-Committee Reports

- School Committee

Dr. Bergen advised the Committee that she attended Joint PCC, which was such a pleasure. What stands out the most when you listen to all the activities going on in all schools, the promotion around community service, getting our kids involved in food for the food pantry, senior citizens, etc. It is another dimension of Franklin Public Schools and we are thankful to the the parents and the teachers as well.

Ms. Schultz advised the Committee that Dr. Bergen, herself, Maureen and Sally will be meeting tonight after school Committee to set a date for the Community Relations subcommittee to meet. Hopefully we will meet in the next couple of weeks.

Ms. Scofield advised the Committee that Policy Subcommittee will be meeting March 9, 2016 at 7:00 p.m.

Ms. Scofield advised that the Calendar Subcommittee will be meeting for the first time next Thursday, March 16, in the council chambers.

Dr. O'Malley advised that there is another meeting for the Budget sub committee tomorrow night, they are ongoing.

Ms. Bilello noticed that the website is updated with our pictures, how do we go about making sure people can contact us.

Dr. Sabolinski advised that Denise updated it this morning.

- - Liaison Reports - None

6. New Business: None

7. Adjourn: Dr. O'Malley made a motion to adjourn to executive session, not to return to open session.

7:55 p.m.

Roll Call Vote: Ms. Bilello - yes; Ms. Scofield - yes; Dr. Bergen - yes; Mrs. Douglas - yes; Dr. O'Malley - yes; Ms. Schultz - yes, Dr. Jewell - yes.

Executive Session

Adjourn:

Respectfully Submitted,

Susan Childers

SCAgenda 3-8-16.pdf

B2A.pdf

Payroll Warrant #1617 summary.pdf

Payroll Warrant #1617.pdf

FPS Summary & Sign Off.pdf

SCWarrant021816.pdf

SCWarrant022516.pdf

February 23, 2016 SCMinutes-DRAFT

ASMS Science - School Committee 3-8-16

RMS School Committee Meeting ppt

IGB - Student Services Programs 2-18-16.pdf

OLD IGB - Pupil Personnel Support Services Programs

ActionA.pdf

ActionB.pdf

ActionC.pdf

ActionD.pdf
ActionE.pdf
ActionF.pdf
ActionG.pdf
Enrollmentcompare-Feb2015-Feb2016.pdf
PledgeStudent.pdf




Developing Scientific Literacy

Annie Sullivan
Grade 8
2015-2016



Mr. Mike Procacini
Mrs. Julie Viveiros
Tyler Brogan
Kelsey MacCallum
Samuel Stowell
Jenna Van-Hyning



How Does the Organization of Information Affect Working Memory?






- ❑ Develop an argument, provide data-driven evidence
- ❑ Extension of Human Body Systems Unit; nervous system
- ❑ Aligned with several Literacy in Science Standards
- ❑ Utilized *Keys to Literacy (Writing) strategies*
- ❑ Incorporated data analysis - collaborative goal with the high school
- ❑ Used Google for Education tools to graph and analyze data








Reading Standards for Literacy in Science & Technical Subjects

Key Ideas and Details:

-  Cite specific textual evidence to support analysis of science and technical texts.
-  Determine the central ideas or conclusions of a text; provide an accurate summary of the text distinct from prior knowledge or opinions.
-  Follow precisely a multistep procedure when carrying out experiments, taking measurements, or performing technical tasks.

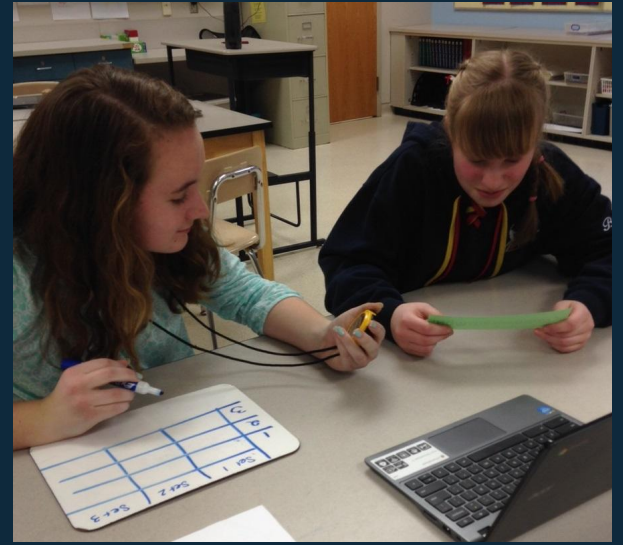
Integration of Knowledge and Ideas:

-  Integrate quantitative or technical information expressed in words in a text with a version of that information expressed visually (e.g., in a flowchart, diagram, model, graph, or table).
-  Distinguish among facts, reasoned judgment based on research findings, and speculation in a text.
-  Compare and contrast the information gained from experiments with that gained from reading a text on the same topic.



Task:

- ❑ Analyze text of background information
- ❑ Carry out lab procedure
- ❑ Collect and analyze data
- ❑ Draw conclusions to develop a claim
- ❑ Present evidence to support claim

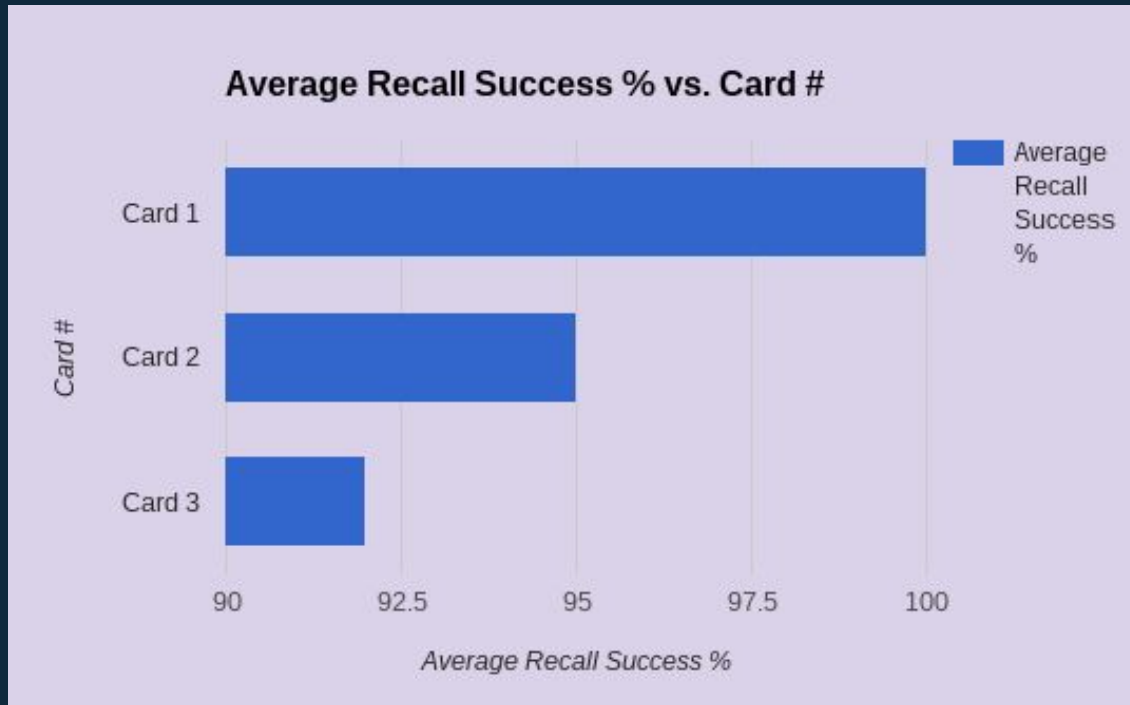


The Procedure

A demonstration



Data:



Tyler's results



Conclusions:

- ❑ Claim: When information is organized in patterns, it is easier to recall.
- ❑ The presence of patterns makes it easier for our brain to make sense of the world.
- ❑ Supported by data and textual evidence



Next Steps: Genetics Unit



- **Life According to Sam** documentary
- Introduction to Bioethics
- Analyze text and argue for/against:
 - ◆ Human Genetic Engineering
 - ◆ Genetic Testing
 - ◆ GMOs



Remington Middle School
School Committee Presentation
2015-2016



“Intelligence plus character...that is the true goal of education.”



Tech Titans

Technology Pioneers at RMS

WHO WE ARE

We are a small group of technologically experienced students who help our teachers, and other staff members, with the day-to-day problems that might occur with their technology. We fully participate in all required academic classes and currently meet with Mr. Wildeman periodically during i-Period. We have been able to maintain the good grades we had before starting Tech Titans, while at the same time helping teachers meet their technology needs.

WHAT WE DO

We can provide many services for the staff around RMS including :

- Research of Tech products
- Websites created for teaching (sometimes even apps)
- How to use different types of software
- Help with integration of technology into lesson plans

SOME OF OUR ACHIEVEMENTS

We have made an app for a cluster/team at RMS, called the Gladiators. This app was in the pilot program after being Beta tested by some fellow students in June of 2015. This app was deployed over the iOS, Android, and Kindle platforms.

We also have made websites for multiple teachers and kahoots. Kahoots are a highly engaging trivia game which makes use available technology. You can add things like images and music. Students can answer these questions via tablet, phone, computer or chromebook.

EXAMPLES

[Help Request for Teachers/Staff](#)

[IT response tracking](#)

[IT Check In Form](#)

[Poster](#)

[google classroom](#)

[Calendar](#)

[Our Website](#)

WHAT WE PLAN TO DO

- Hold workshops for teachers
- Continue to investigate new technologies that teachers can incorporate in their classroom
- Recruit new members to increase our ability to provide assistance

WE ARE THE Tech Titans

