

**Rochester School Board
Instruction Committee Agenda
December 17, 2020
6:00 PM**

AGENDA

1. Approval of November 19, 2020 Instruction Minutes
2. New SHS Courses – Michele Halligan-Foley/ Kathy Cotton
3. ROTC move to CTE – Michele Halligan-Foley/ Kathy Cotton
4. 5-Year Plan –
 - Personalized Learning – Heidi Zollman, Kathy Cotton & Principals
 - iPads and Chromebooks – Heidi Zollman
5. Public Comment
6. Other
7. Adjournment

Committee Members:

Robert Watson, Chair
Matthew Pappas
Nathaniel Byrne
Anne Grassie
Sarah Harrington
Thom O'Connor

Instruction Committee Minutes
Rochester School Department - Virtual
November 19, 2020
6:00 PM

DRAFT

Members Present

Mr. Robert Watson, Chair
Mrs. Matthew Pappas
Mrs. Anne Grassie
Mrs. Sarah Harrington

Members Absent

Mr. Nathaniel Byrne
Mr. Thomas O'Connor

Also Present

Dr. Sandie MacDonald
Mr. Kyle Repucci
Guests & Public

Mr. Watson called the meeting to order on a roll call at 7:22 p.m. with a quorum present.

Approval of Minutes

Mrs. Harrington, moved, second by Mrs. Grassie, to approve the minutes of the October 15, 2020 Instruction Committee meeting. The motion passed unanimously on a roll call vote.

Amended 2020-2021 District and Maple Street Magnet Calendars

Dr. Sandie MacDonald, Assistant Superintendent, presented the proposed amended 2020-2021 district and Maple Street Magnet calendars. The calendar changes are due to the earlier start to remote learning and the language in regards to para-academy on January 6 and February 10 has been removed.

Mrs. Harrington, moved, second by Mr. Pappas, to recommend the Board approve the amended calendars for the Rochester School District and Maple Street Magnet School 2020-2021. The motion carried unanimously with a roll call vote.

2021 – 2022 Maple Street Magnet Calendar Draft – No Action Required

Dr. MacDonald, shared the 2021-2022 Maple Street Magnet calendar draft for review.

5 Year Plan – No action required

Dr. MacDonald suggested that next month, Principals, Mrs. Heidi Zollman and Mrs. Kathy Cotton present on how things are going with personalized learning during remote learning.

Public Comment - None

Other – No action required

Mr. Watson inquired about what testing has been done this school year. Dr. MacDonald explained, because we're a PACE District, assessments were done last year. As part of the Cares Act Grant Fund Application our commitment is to do interim bench mark testing. In the Fall we did NWEA and Dibles testing. NWEA testing is open in the winter for those school that want to participate. Data will be brought to Instruction Committee after the Spring 2021 testing is completed to compare where the students were at in the Fall and were they are at in the Spring.

Mrs. Grassie inquired about Mrs. Heidi Zollman presenting this month about iPads and Chromebooks, as was in the October 15, 2020 minutes. Mrs. Zollman will present in December.

Adjournment

Mrs. Harrington, moved, second by Mr. Pappas, to adjourn at 7:32 p.m. The motion passed unanimously on a roll call vote.

Respectfully submitted,

Mr. Robert Watson, Chair

Botany- High School Science Elective- 0.5 Credit Quarter Class

Course Description- In this $\frac{1}{2}$ credit elective Science course, students will be introduced to Botany the scientific study of plants and their relationship to the environment. Students will be able to investigate the growth, reproduction, anatomy, morphology, physiology, biochemistry, taxonomy, genetics, and ecology of plants. The competencies and performance indicators are aligned to NH K-12 Model Science Competencies, the NGSS for Life Sciences Grades 9-12, and the 21st Century Learning Expectations.

Competency Name and Weights

Competency 1- Nature of Science: Weight 33%

Competency 2- Structure and Function: Weight 33%

Competency 3- Stability and Change: Weight 33%

Other

Botany will cost \$0 to implement and will be replacing Astronomy as Spaulding's 4th elective quarter class.



Family & Consumer Science Course Changes 2021-2022

New:

- **Regional Foods of the United States (FCS)**- This is ½ credit elective.
 - This is a complement to International Foods. Students will expand their culinary horizons by investigating the diverse cooking regions of our country. A study of food origins and ethnic influences will be included.
 - [Competencies](#)
 - No additional resources or staffing required.

No Longer Offered:

- Baking and Pastries- Other options in the PoS.





Air Force Junior ROTC CTE and Phys Ed Requirement

Move to CTE

- NH DOE developing Aerospace/Aviation/STEM for CTE available AY 20-21
- Two career pathways/certifications:
 - Remote Pilot Certificate (Drone/UAS) - Federal Aviation Administration (FAA) written exam
 - Private Pilot Ground School - FAA written exam
 - Eligible for Perkins Grant funds for curriculum components
- SHS AFJROTC meets majority of new CTE curriculum and competencies with two courses
 - Science of Flight and Aviation Ground School
 - Course realignment results in removal of Survival and Exploration of Space courses
- All other components of AFJROTC continue (Competition Drill, community service, clubs, etc.)

Physical Education Requirement

- Cadets enrolled in an AFJROTC course all four years complete requirement for second PE course
 - All AFJROTC courses 20 percent health/wellness/physical training - weekly engagement
 - Competencies and performance indicators aligned with PE Indoor/Outdoor Sports courses

Updates to Personalize Learning In Remote

Targeted Instruction:

- Using personalized instructional models like stations + flipped classroom
- Using breakout rooms in Google Meet for more small-group instruction
- In-Person Students: Responsive to changes in student status and needs

Flexible Content and Tools:

- Playlists + menus to provide choice and flexibility for students
- Using new tools like Google Slides, Google Hangouts, Google Forms, Jamboard, IXL, Edgenuity
- Intentionally managing the number of tools for teachers

Data-Driven Decisions:

- Frequent **check-ins** of learning
- Variety of types of assessments to gather learning data

Student Reflection and Ownership:

- More teachers having students set goals and reflect on learning
- Students are given more choices for tools and content to show learning

Overall:

- **Common Schedules**
- **Creating additional structures for connecting with families and students**
- **Building in social-emotional learning practices**
- **Using Google Classroom across the district**
- **Professional learning opportunities for teachers to personalize learning**

K-2 Device ~ Tech Updates

Older iPads ~Issues

New iPads~ Delivered to schools



iPads vs Chromebooks: K-1 iPads/2+ Chromebooks

- ❖ ***Chromebooks work better in Remote***
- ❖ ***Touchscreen Chromebooks***