INDEPENDENT SCHOOL DISTRICT NO. 625
Saint Paul, Minnesota
COMMITTEE OF THE BOARD MEETING
Administration Building
360 Colborne Street

October 9, 2018
4:30 PM

A G E N D A

I. **CALL TO ORDER**
   A. Introductions
II. **AGENDA**
   A. Superintendent's Announcements
   B. SEAB Report
   C. Science Partnerships in SPPS
      1. Introduction
      2. Presentation 2
      3. Discussion
   D. Calendar Update
      1. Introduction
      2. Presentation 31
      3. Discussion
      4. Action
   E. FMP Update
      1. Introduction
      2. Presentation 50
      3. Discussion
III. **ADJOURNMENT**



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Science Partnerships in SPPS

October 9, 2018

Marshall Davis, Supervisor Pre-K-12 Science

District Science Team

Marty Davis - Pre-K-12 Science Supervisor

Nancy Geving - District Science Specialist
Molly Leifeld - District Science Specialist
Josh Leonard - TOSA Belwin Outdoor Science
Sarah Weaver - TOSA Como Planetarium

SPPS Science Mission Statement

All SPPS students will think and act like scientists and engineers.

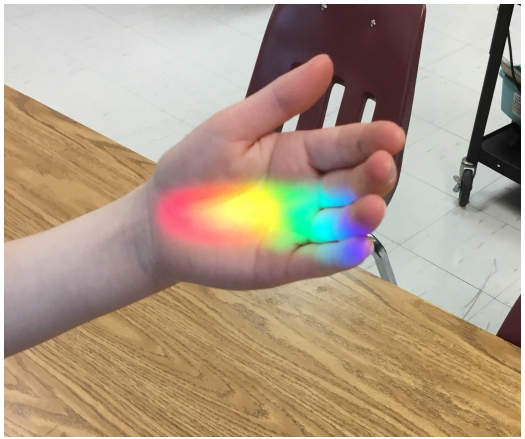
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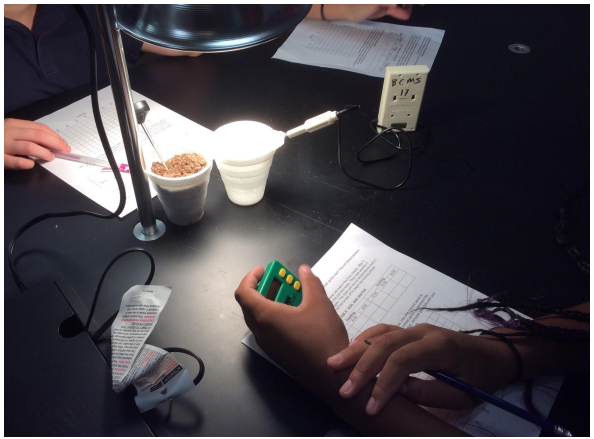
Science in Saint Paul Public Schools is based on a constructivist philosophy.

"In constructivist classrooms, the teacher envisions the student as an active participant in the learning process, attempting to search for meaning and interpret the natural world."

(Douglas Llewellyn, 2014)

This means 173 SPPS science teachers are supporting students DOING SCIENCE!







Making Science Happen for Students

- Partnerships
- Grants
- Science Opportunities for Students



Science Partnerships



Types of Partnerships

Business

- 3M
- HB Fuller
- Boston Scientific
- Science From Scientists
- BSCS Science Learning
- Andamio Games

University

- University of Minnesota
- Purdue
- Michigan Tech
- Metro State
- St. Thomas

Informal Education

- MN Zoo
- Science Museum - Kitty Andersen Youth Science Center
- Bell Museum
- Gibbs Farm
- Bakken Museum
- Belwin Conservancy
- Audubon Center
- Wolf Ridge
- Starbase
- Climate Generation
- Sci Girls TPT - U of MN

Partner-Supported Student Opportunities

Elementary Field Work

- 3M Funded K-5 and 8
- MN Zoo 3rd Grade

Practical Lab Experience

- SEED
- Masonic Cancer
- 3M STEP

Summer Camps

- 3M STEM Camp
- Michigan Tech Girls STEM Camp
- ACES

Curriculum & Materials

- Engineering Teams - unit materials
- Citizen Science - field guides, binoculars
- Extra field guides and binoculars donated and available at the DMC
- MNSTeLLA - materials for units teachers developed
- The U of MN needed lessons created to finish off a grant. They hired SPPS teachers and we now have those lessons for our teachers.

Belwin

BELWIN
OUTDOOR SCIENCE
Learning Inspired Through Nature

Learning Inspired Through Nature



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Mission: Connect children to nature through engaging outdoor science experiences.

Belwin and Academic Standards

Belwin is an outdoor classroom, not a nature center.

Grades 3 & 5

- Science process
- Structure/function



Learning at Belwin

10,000 SPPS students

- 7,700 Elementary 1-5
- 1,500 Specialized Special Education preK - 12
- 800 Secondary 6-12

Over **38,000** hours of science instruction

100% SPPS elementary schools





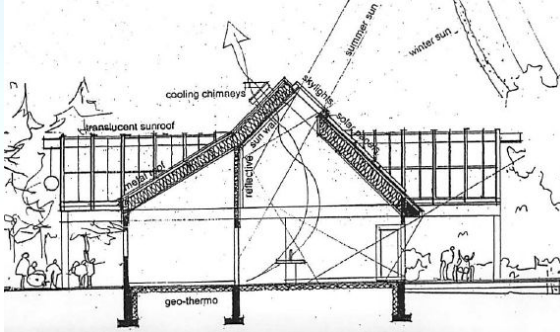
"Outside is better to do math and science"

"I don't have to be in the NBA. I could be a *scientist!*"



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Future of the Belwin Conservancy Partnership



Investments for SPPS students over the next 5 years

- Education Center renovation ……$ 600,000
- Bulrush Slough new construction ……....$1,500,000

$ 2.1M

Belwin & Como

Minnesota Astronomical Society's JJ Casby Observatory is available for student use at Belwin.

It is one of the largest refracting telescopes in Minnesota.



Como Planetarium



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Como Planetarium



- 9,845 SPPS students visited in 2017-2018
  - 2,726 1st graders
  - 2,501 3rd graders
  - 2,384 8th graders
  - 589 multi-age groups
- 10,776 hours of science instruction
- Includes all elementary schools
- Academic standards: seasons, solar system, physics concepts, and scientific process
- Curriculum kits

Como Planetarium



Community Education

- 10,000 public visitors per year
- ~ $35 K in revenue per year
- Science focused events
- Tuesday evening presentations

  5:30 pm Pre-K & 7:00 pm
- NEXT EVENT: Star Party on October 11th 6-9 pm

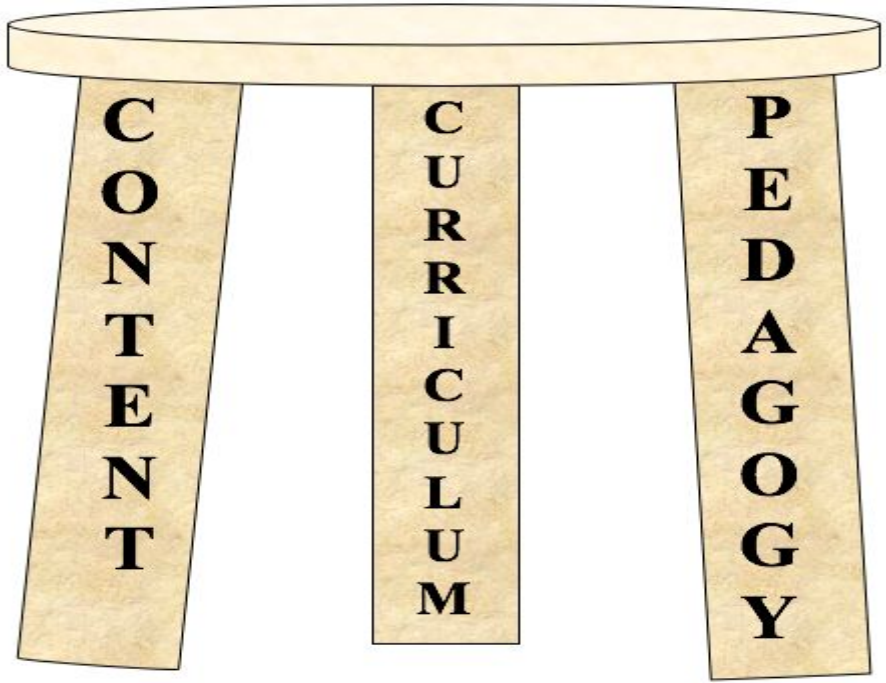
  Galilean Moons

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Supporting Science Teachers in SPPS

- Developing teacher leaders
- Professional Development - Voluntary Offerings
- Coaching for those who take PD or request it
- Mentoring New Teachers
- School-based Support

Three-Legged Stool of Teacher Support



Teacher Leaders - MNSTeLLA

Teachers leading *MNSTeLLA*

- 2 year $800,000 K-12 Math Science Partnership Grant
- Partners were U of MN, BSCS, MPS
- Teacher leaders facilitated small group PLCs using online STeLLA resources
- 14 Teacher leaders (2 are ELL teachers)
- 40 Total teachers thus far (5 are ELL teachers teaching science)

Supports teachers by focusing on identifying student thinking and cohesive unit planning through lesson analysis.

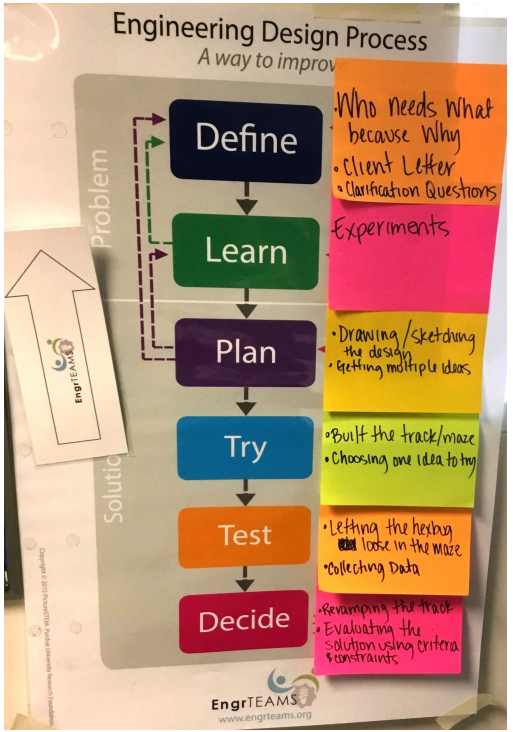


Teacher Leaders - Engineering Teams

Teachers leading *Integrating Engineering into Science Classes*

- 5 year $8 million NSF funded program focused on grades 4-8
- 2 years of professional development on leadership and coaching
- 4 Teacher leaders
- 40 Total Teachers Supported

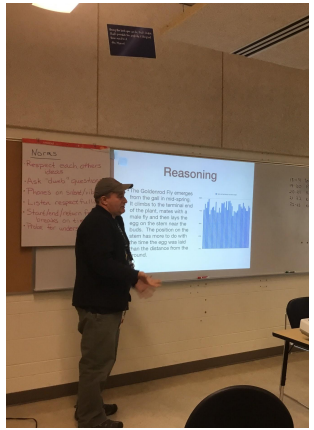
Supports teachers around engineering design processes and how to incorporate engineering into their science curriculum.



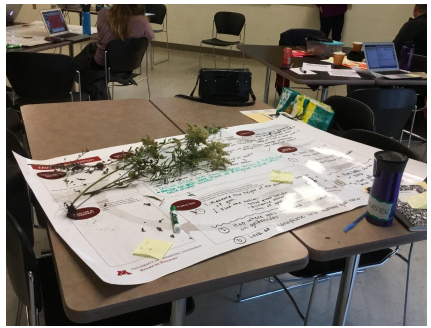
Teacher Leaders - Citizen Science

Teachers leading *Citizen Science*

- 4 year NSF DRK12 funded program
- Partners- U of M Fisheries, Anoka-Hennepin Schools
- 6 teacher leaders
- In total is 16 teachers involved.







Supports teachers using the outdoors. Data from these student investigations are submitted to national Citizen Science databases to be used by scientists across the world.

Other Opportunities for Teacher Leaders to Work with their Colleagues

Opening Week Science Mini-Conference

25 District-wide Professional Development Days

Elementary PLC Facilitators



Professional Development

SPPS PD

- Science Pedagogy Institute Level 1 (Currently required for AOT)
- Science Pedagogy Institute Level 2
- Integrating Engineering into Science Courses
- Citizen Science
- MNSTeLLA
- Elementary Science PLC
- Curriculum Writing

PD offered by partners

- Institute for Climate Change Education
- TPT SciGirls-Girls in STEM
- WaterWorks! A Drinking Water Institute for Educators
- ZOOMS teacher workshops (MN Zoo)
- Rivers Institutes
- 3M TWIST
- DNR-Project Learning Tree workshops

Coaching, Mentoring & School Support

Instructional coaching is critical to helping teachers fully implement strategies and pedagogical changes from professional development.

For instructional coaching to have an impact it must be:

- Directed by the teacher
- In-classroom at-the-elbow coaching for 4-6 weeks

For mentoring to have an impact it must include:

- Regular check-ins with new teachers in their first year with SPPS
- Individualized with a focus on the school's priorities

School support

- Science focused programs, grants and SCIPs

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What teachers say about SPPS Science PD

If my students are able to gain as much knowledge and experience with engineering as I have this week, they will benefit greatly.

I came into this institute really nervous and not knowing anything about teaching science. I now feel much more confident in my skills.

We are so lucky to have science coaches who are also good teachers, who get what teaching is about as a philosophy AND as a practical job.

I have worked in 3 other districts and the PD and support they offer is nowhere close to what the district science team does.

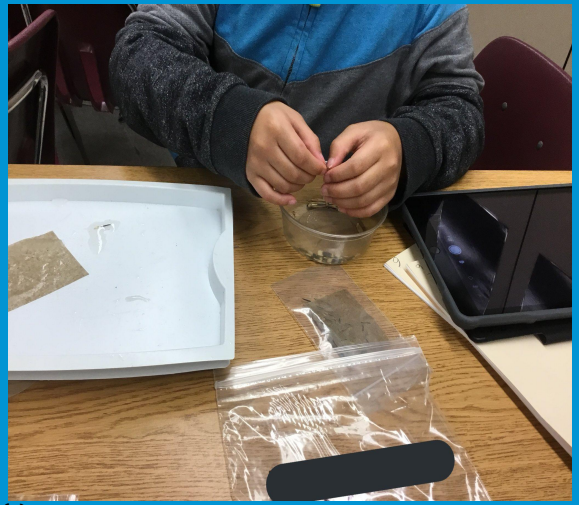
SPPS science added emphasis on racial equity and CRT helps me better understand how to approach science teaching in our school community.

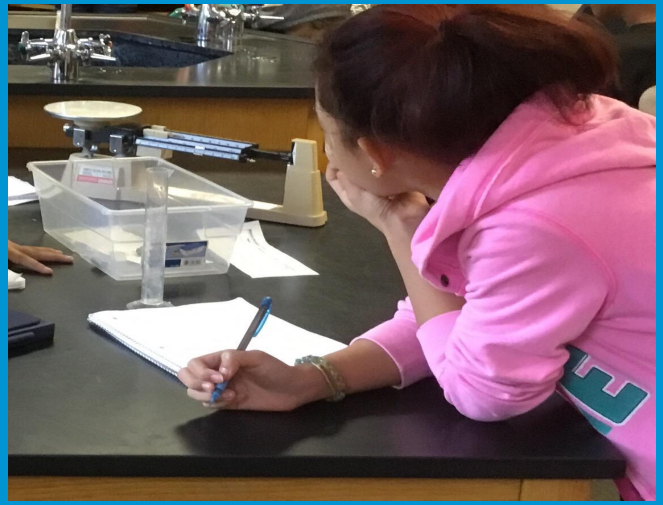
An example of how it all comes together

Aligned Learning Guide for 3rd Grade Science

	Units in Order	Season	Unit Duration*
	Safety, Rituals, Routines		3
A	**Nature of Science and Engineering**	Ongoing	Must embed in all units
B	**Plants & Animals - Structures and Functions**	Fall	22
C	**Engineering**	Fall/Winter	6
D	**Astronomy**	Winter	10
E	Light & Sound	Winter/Spring	15
F	Rocks & Minerals	Spring	12

*Number of 50 min. class periods, based on 68 total class periods.





Saint Paul Public Schools
A World of Opportunities

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THANK YOU



Calendar Proposal

October 10, 2018

Agenda

- Committee & Timeline
- Survey
- Proposed Calendar
- Questions

Committee Members

Co-Chairs	
Sue Snyder	Sign Language Interpreter, Humboldt High School and SPFT Representative
Hans Ott	Assistant Superintendent of Teaching and Learning
Megan Dols Klingel	Assistant Director of Teaching and Learning
Barb Herrington-Hall	Early Childhood Special Education
Heather Kilgore	Director of Family Engagement
Holly Miller	Program Evaluation, Research Evaluation and Assessment
Lindsay Peifer	Technology TOSA at Central HS
George Simon	Office of Specialized Services Business office
Erin Whitcraft	Language Teacher at Central HS
Celeste Carty	Principal Crossroads Elementary

Committee Timelines

January 2017	Committee meetings began
February-March	Research calendar options
Spring 2017	Parent Advisory Committee check-in
Spring 2017	Development of surveys
Fall 2017	Calendar surveys launched
January 2018	Survey data reviewed
Spring 2018	Draft versions of calendars created
Spring 2018	Parent Advisory Committee check-in
Fall 2018	Calendars presented to School Board

Saint Paul
PUBLIC SCHOOLS
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Survey Summary

Considerations from Board in 2015

- Staff attendance on Good Friday
- Longer Thanksgiving break
- Operational costs

Survey responses

Families	1,391 responses
Staff	1,206 responses
Students	726 responses

Focus of survey questions

All Groups

- Length of winter break
- Additional cultural holidays/observances for students
- Preferred day of week for last day of school

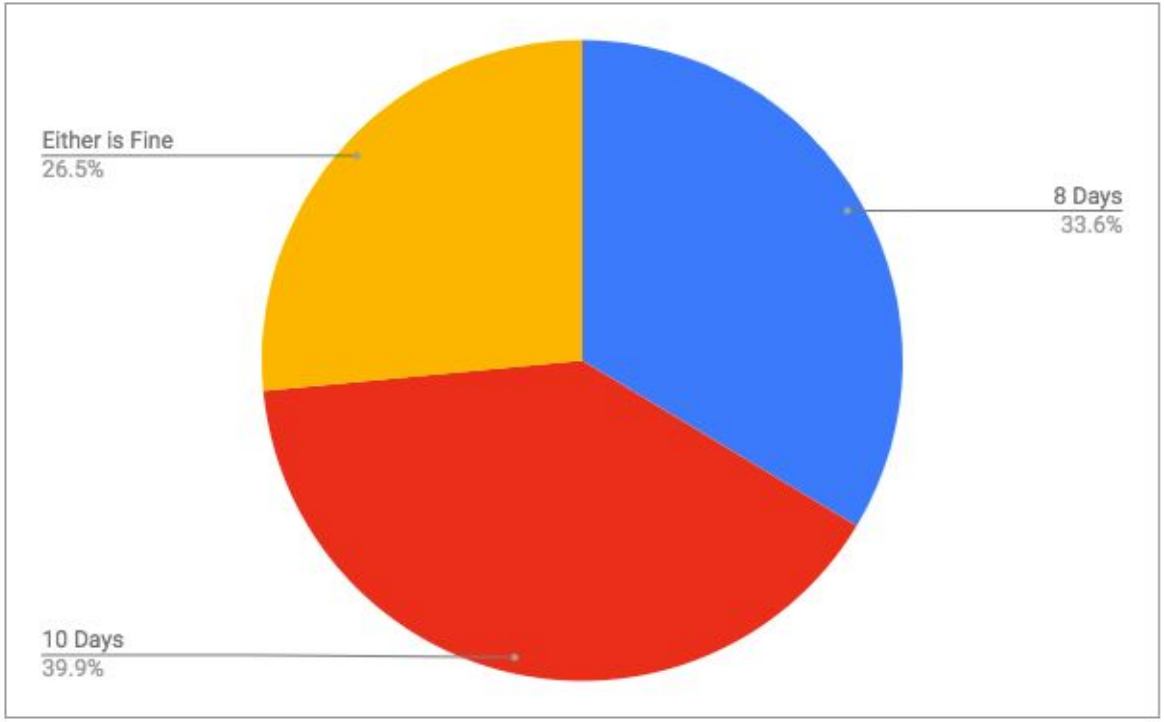
Families and Staff

- Length of Thanksgiving break
- Number student contact days needed for an instructionally sound and productive school week
- Satisfaction with current parent-teacher conference practices

Staff

- Good Friday scheduling

Winter Break: 10 days vs. 8 days



Overall Findings

Survey data does not support making changes to current practices

- No clear preference for length of winter break (8 day vs. 10 days)
- General preference to end school as early as possible in June
- No preference for length of Thanksgiving break
- Preference of staff for Good Friday to be a non-student contact day
- Preference for at least 3 day instructional weeks
- Preference to keep the current conference schedule
- Some preference for earlier spring break

Recommendations

- Maintain current practices
- Continue to support families with excused absences on cultural days of celebration
- Avoid holding district events on days of celebration



Proposed Calendars

2019 - 2020
2020 - 2021
2021 - 2022

Proposed Calendars







	Pre K	Kindergarten	Elementary	Secondary
No School for Students	Sept. 3, 4 Oct. 25 Nov. 14 Nov. 15 Jan. 24 Mar. 6 Mar. 19,20 Apr. 10	Sept. 3,4 Oct. 25 Nov. 15 Jan. 24 Mar. 6 Mar. 20 Apr. 10	Oct. 25 Nov. 15 Jan. 24 Mar. 6 Mar. 20 Apr. 10	 Nov. 15 Jan. 24 Mar. 6 Apr. 10
Parent/Teacher Conferences	Sept. 3, 4 Nov. 14,15 Mar. 19,20	Sept. 3, 4 Nov. 15 Mar. 20	 Nov. 15 Mar. 20	
Conference Prep/ Grading Day	Oct. 25 Mar. 6 Jun. 10	Oct. 25 Mar. 6 Jun. 10	Oct. 25 Mar. 6 Jun. 10	 Jan. 24 Jun. 10
Professional Development	 Jan. 24 Apr. 10	 Jan. 24 Apr. 10	 Jan. 24 Apr. 10	Nov. 15 Mar. 6 Apr. 10
Total Instructional Days	169	171	173	175
Work Days for Educators	187	187	187	187

Future consideration

- Consider how behavior data relates to calendar
- Frequently asked questions on the website
- Streamline call-in procedure for families



Questions

DRAFT 2019-2020 School Calendar DRAFT

August 2019

Su	M	Tu	W	Th	F	Sa
				1	2	3
4	5	6	7	8	9	10
11	12	13	14	15	16	17
18	19	20	21	22	23	24
25	26	27	28	29	30	31

August

19-23 New Educator Week
26-30 Opening Workshops

February

17 NO SCHOOL ALL SITES
President's Day

February 2020

Su	M	Tu	W	Th	F	Sa
						1
2	3	4	5	6	7	8
9	10	11	12	13	14	15
16	17	18	19	20	21	22
23	24	25	26	27	28	29

September 2019

Su	M	Tu	W	Th	F	Sa
1	2	3	4	5	6	7
8	9	10	11	12	13	14
15	16	17	18	19	20	21
22	23	24	25	26	27	28
29	30					

September

2 Labor Day
3 E/S Classes Begin
3-4 P & K No School: Conferences
5 P & K Classes Begin

March

6 NO SCHOOL ALL SITES
P/K/E-Conference Prep
S-Professional Development
19 P - No School: Conferences
20 P/K/E-No School:Conferences
S-in session
27 End of Quarter 3 (43 days)
30-31 NO SCHOOL ALL SITES
Spring Break

March 2020

Su	M	Tu	W	Th	F	Sa
1	2	3	4	5	6	7
8	9	10	11	12	13	14
15	16	17	18	19	20	21
22	23	24	25	26	27	28
29	30	31				

October 2019

Su	M	Tu	W	Th	F	Sa
		1	2	3	4	5
6	7	8	9	10	11	12
13	14	15	16	17	18	19
20	21	22	23	24	25	26
27	28	29	30	31		

October

17-18 NO SCHOOL ALL SITES
State teacher meeting
25 P/K/E-No School:Conference Prep
S-in session

April

1-3 NO SCHOOL ALL SITES
Spring Break
10 NO SCHOOL ALL SITES
P/K/E/S Professional Development

April 2020

Su	M	Tu	W	Th	F	Sa
			1	2	3	4
5	6	7	8	9	10	11
12	13	14	15	16	17	18
19	20	21	22	23	24	25
26	27	28	29	30		

November 2019

Su	M	Tu	W	Th	F	Sa
					1	2
3	4	5	6	7	8	9
10	11	12	13	14	15	16
17	18	19	20	21	22	23
24	25	26	27	28	29	30

November

8 End of Quarter 1 (47 days)
14 P - No School: Conferences
15 NO SCHOOL ALL SITES
P/K/E-Conferences
plus two evenings scheduled by school
S-Professional Development
28-29 NO SCHOOL ALL SITES
Thanksgiving

May

25 NO SCHOOL ALL SITES
Memorial Day

May 2020

Su	M	Tu	W	Th	F	Sa
					1	2
3	4	5	6	7	8	9
10	11	12	13	14	15	16
17	18	19	20	21	22	23
24	25	26	27	28	29	30
31						

December 2019

Su	M	Tu	W	Th	F	Sa
1	2	3	4	5	6	7
8	9	10	11	12	13	14
15	16	17	18	19	20	21
22	23	24	25	26	27	28
29	30	31				

December

23-31 NO SCHOOL ALL SITES
Winter Break

June

9 Last day for students
End of Quarter 4 (45 day)
10 Last day for teachers
Grading Day

June 2020

Su	M	Tu	W	Th	F	Sa
	1	2	3	4	5	6
7	8	9	10	11	12	13
14	15	16	17	18	19	20
21	22	23	24	25	26	27
28	29	30				

January 2020

Su	M	Tu	W	Th	F	Sa
			1	2	3	4
5	6	7	8	9	10	11
12	13	14	15	16	17	18
19	20	21	22	23	24	25
26	27	28	29	30	31	

January

1-3 NO SCHOOL ALL SITES
Winter Break
20 NO SCHOOL ALL SITES
Martin Luther King Day
23 End of Quarter (40 days)
24 NO SCHOOL ALL SITES
P/K/E - Professional Development
S - Grading Day

Key

P	PreK
K	Kindergarten
E	Elementary
S	Secondary
#	End of Quarter
	No School Select Grades
	No School All Grades
	E-173 Days S-175 Days

July 2020

Su	M	Tu	W	Th	F	Sa
			1	2	3	4
5	6	7	8	9	10	11
12	13	14	15	16	17	18
19	20	21	22	23	24	25
26	27	28	29	30	31	

DRAFT 2020-2021 School Calendar DRAFT

August 2020

Su	M	Tu	W	Th	F	Sa
						1
2	3	4	5	6	7	8
9	10	11	12	13	14	15
16	17	18	19	20	21	22
23	24	25	26	27	28	29
30	31					

August

24-28	New Educator Week
31	Opening Workshops

February

15	NO SCHOOL ALL SITES
	President's Day

February 2021

Su	M	Tu	W	Th	F	Sa
	1	2	3	4	5	6
7	8	9	10	11	12	13
14	15	16	17	18	19	20
21	22	23	24	25	26	27
28						

September 2020

Su	M	Tu	W	Th	F	Sa
		1	2	3	4	5
6	7	8	9	10	11	12
13	14	15	16	17	18	19
20	21	22	23	24	25	26
27	28	29	30			

September

1-4	Opening Workshops
7	Labor Day
8	E/S Classes Begin
8-9	P & K No School: Conferences
10	P & K Classes Begin

March

5	NO SCHOOL ALL SITES
	P/K/E-Conference Prep
	S-Professional Development
25	P - No School: Conferences
26	P/K/E-No School:Conferences
	S-in session

March 2021

Su	M	Tu	W	Th	F	Sa
	1	2	3	4	5	6
7	8	9	10	11	12	13
14	15	16	17	18	19	20
21	22	23	24	25	26	27
28	29	30	31			

October 2020

Su	M	Tu	W	Th	F	Sa
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4	5	6	7	8	9	10
11	12	13	14	15	16	17
18	19	20	21	22	23	24
25	26	27	28	29	30	31

October

15-16	NO SCHOOL ALL SITES
	State teacher meeting
30	P/K/E-No School:Conference Prep
	S-in session

April

1	End of Quarter 3 (42 days)
2	NO SCHOOL ALL SITES
	P/K/E/S Professional Development
5-9	NO SCHOOL ALL SITES
	Spring Break

April 2021

Su	M	Tu	W	Th	F	Sa
				1	2	3
4	5	6	7	8	9	10
11	12	13	14	15	16	17
18	19	20	21	22	23	24
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November 2020

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8	9	10	11	12	13	14
15	16	17	18	19	20	21
22	23	24	25	26	27	28
29	30					

47

November

13	End of Quarter 1 (47 days)
19	P - No School: Conferences
20	NO SCHOOL ALL SITES
	P/K/E-Conferences
	plus two evenings scheduled by school
	S-Professional Development
26-27	NO SCHOOL ALL SITES
	Thanksgiving

May

24	NO SCHOOL ALL SITES
	Memorial Day

May 2021

Su	M	Tu	W	Th	F	Sa
						1
2	3	4	5	6	7	8
9	10	11	12	13	14	15
16	17	18	19	20	21	22
23	24	25	26	27	28	29
30	31					

December 2020

Su	M	Tu	W	Th	F	Sa
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6	7	8	9	10	11	12
13	14	15	16	17	18	19
20	21	22	23	24	25	26
27	28	29	30	31		

December

23-31	NO SCHOOL ALL SITES
	Winter Break

June

11	Last day for students
	End of Quarter 4 (44 day)
14	Last day for teachers
	Grading Day

June 2021

Su	M	Tu	W	Th	F	Sa
		1	2	3	4	5
6	7	8	9	10	11	12
13	14	15	16	17	18	19
20	21	22	23	24	25	26
27	28	29	30			

January 2021

Su	M	Tu	W	Th	F	Sa
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10	11	12	13	14	15	16
17	18	19	20	21	22	23
24	25	26	27	28	29	30
31						

42

January

1	NO SCHOOL ALL SITES
	Winter Break
18	NO SCHOOL ALL SITES
	Martin Luther King Day
28	End of Quarter (42 days)
29	NO SCHOOL ALL SITES
	P/K/E - Professional Development
	S - Grading Day

Key

P	PreK
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S	Secondary
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July 2021

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11	12	13	14	15	16	17
18	19	20	21	22	23	24
25	26	27	28	29	30	31

DRAFT 2021-2022 School Calendar DRAFT

August 2021						
Su	M	Tu	W	Th	F	Sa
1	2	3	4	5	6	7
8	9	10	11	12	13	14
15	16	17	18	19	20	21
22	23	24	25	26	27	28
29	30	31				

August

23-27	New Educator Week	
30-31	Opening Workshops	

February

21	NO SCHOOL ALL SITES	
	President's Day	

February 2022						
Su	M	Tu	W	Th	F	Sa
		1	2	3	4	5
6	7	8	9	10	11	12
13	14	15	16	17	18	19
20	21	22	23	24	25	26
27	28					

September 2021						
Su	M	Tu	W	Th	F	Sa
			1	2	3	4
5	6	7	8	9	10	11
12	13	14	15	16	17	18
19	20	21	22	23	24	25
26	27	28	29	30		

September

1-3	Opening Workshops		
6	Labor Day		
7	E/S Classes Begin	4	
7-8	P & K No School: Conferences	5	
9	P & K Classes Begin	5	
		4	

March

4	NO SCHOOL ALL SITES	
	P/K/E-Conference Prep	
	S-Professional Development	
25	P - No School: Conferences	
25	P/K/E-No School:Conferences	
	S-in session	

March 2022						
Su	M	Tu	W	Th	F	Sa
		1	2	3	4	5
6	7	8	9	10	11	12
13	14	15	16	17	18	19
20	21	22	23	24	25	26
27	28	29	30	31		

October 2021						
Su	M	Tu	W	Th	F	Sa
					1	2
3	4	5	6	7	8	9
10	11	12	13	14	15	16
17	18	19	20	21	22	23
24	25	26	27	28	29	30
31						

October

		1	
		5	
21-22	NO SCHOOL ALL SITES	5	
	State teacher meeting	3	
25	P/K/E-No School:Conference Prep	5	
	S-in session		

April

1	End of Quarter 3 (43 days)	
4-8	NO SCHOOL ALL SITES	
	Spring Break	
15	NO SCHOOL ALL SITES	
	P/K/E/S Professional Development	

April 2022						
Su	M	Tu	W	Th	F	Sa
					1	2
3	4	5	6	7	8	9
10	11	12	13	14	15	16
17	18	19	20	21	22	23
24	25	26	27	28	29	30

November 2021						
Su	M	Tu	W	Th	F	Sa
	1	2	3	4	5	6
7	8	9	10	11	12	13
14	15	16	17	18	19	20
21	22	23	24	25	26	27
28	29	30				

November

12	End of Quarter 1 (47 days)		
18	P - No School: Conferences	5	
19	NO SCHOOL ALL SITES	5	
	P/K/E-Conferences	4	
	plus two evenings scheduled by school	3	
	S-Professional Development	2	
25-26	NO SCHOOL ALL SITES		
	Thanksgiving		

May

30	NO SCHOOL ALL SITES	
	Memorial Day	

May 2022						
Su	M	Tu	W	Th	F	Sa
1	2	3	4	5	6	7
8	9	10	11	12	13	14
15	16	17	18	19	20	21
22	23	24	25	26	27	28
29	30	31				

December 2021						
Su	M	Tu	W	Th	F	Sa
			1	2	3	4
5	6	7	8	9	10	11
12	13	14	15	16	17	18
19	20	21	22	23	24	25
26	27	28	29	30	31	

December

		3	
		5	
		5	
22-31	NO SCHOOL ALL SITES		
	Winter Break		

June

10	Last day for students	
	End of Quarter 4 (45 day)	
13	Last day for teachers	
	Grading Day	

June 2022						
Su	M	Tu	W	Th	F	Sa
			1	2	3	4
5	6	7	8	9	10	11
12	13	14	15	16	17	18
19	20	21	22	23	24	25
26	27	28	29	30		

January 2022						
Su	M	Tu	W	Th	F	Sa
						1
2	3	4	5	6	7	8
9	10	11	12	13	14	15
16	17	18	19	20	21	22
23	24	25	26	27	28	29
30	31					

January

		5	
17	NO SCHOOL ALL SITES	5	
	Martin Luther King Day	5	
27	End of Quarter (40 days)	4	
28	NO SCHOOL ALL SITES	4	
	P/K/E - Professional Development		
	S - Grading Day		

Key

P	PreK
K	Kindergarten
E	Elementary
S	Secondary
#	End of Quarter
	No School Select Grades
	No School All Grades
	E-173 Days S-175 Days

July 2022						
Su	M	Tu	W	Th	F	Sa
					1	2
3	4	5	6	7	8	9
10	11	12	13	14	15	16
17	18	19	20	21	22	23
24	25	26	27	28	29	30
31						

Facilities Maintenance and Capital Plan (5YP), FY2019-23

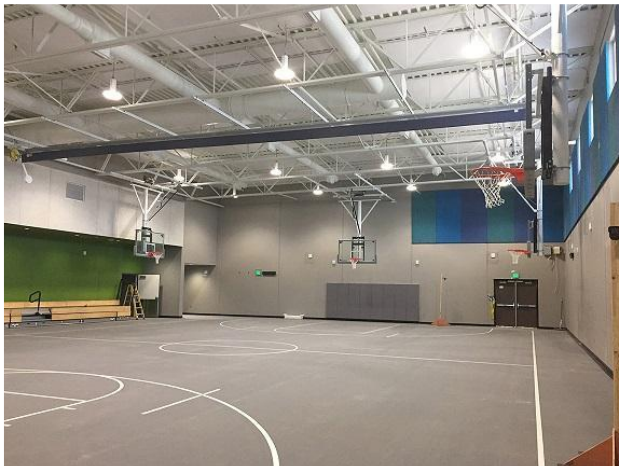
Board of Education Small Groups: October 9, 2018

TOM PARENT
Facilities Director

MATTHEW THROOP
Facilities Planning Manager







Agenda

- Facilities Master Plan Successes: FY2018
- FMP Governance Committee: Process Outcomes
- Key directions: Five Year Plan - FY2019-23
- Board Action

Facilities Master Plan: Successes - FY2018

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FMP Successes - FY2017

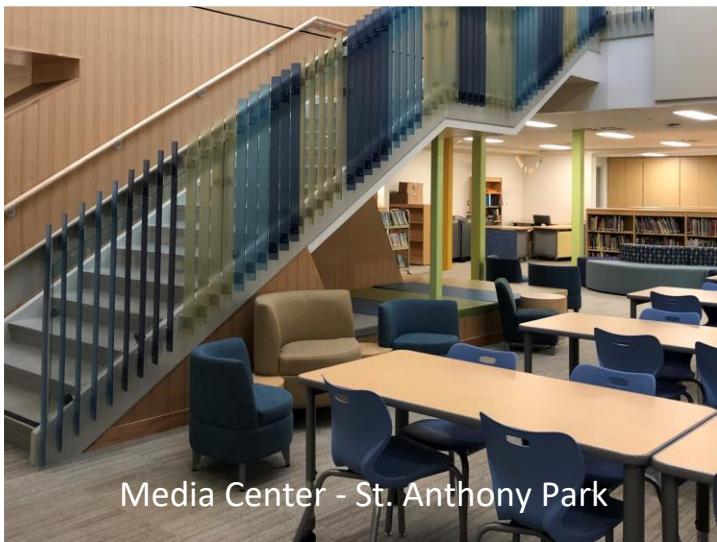
- Projects underway improving the learning environments of **8,925 students**
- Managing **$236M** on current facility improvement projects
- **Energy Rebates:**
  - **$160K** in energy rebates received for FY17 projects
  - **$414K-$476K** estimate for rebates to be received for projects underway

LEARNING SPACES


Kindergarten classroom - Adams


Outdoor Learning Space - Highland Park El.


The Forum - Como Park Senior


Media Center - St. Anthony Park

CORE SPACES


Gym - Highland Park Ele.



Inclusive restroom - Como Park Sr.


Cafeteria - Horace Mann


Gym - RiverEast

EXTERIORS | ENTRIES



Front entry- RiverEast



Addition - Linwood



Front entry - Jie Ming

Facilities Master Plan Governance Committee: Process Outcomes

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FMP Governance Committee - *Think Along*

- Inform 5-Year Implementation Plan (FY2019-23)
- March 13, 2018; 47 attendees: teachers, parents, student, community, staff
- Summary report available online: spps.org/fmp > FMP Governance Committee
- Input on emerging factors impacting 5YP:
  1. How **newly-acquired middle school** can alleviate capacity shortages
  2. Maximize **underused elementary facilities** for betterment of school and community
  3. Define **equity measures** to fairly prioritize capital projects

Think Along - Takeaways

1. How newly-acquired **middle school** can alleviate capacity shortages

   Takeaways: Need to engage families in Area A to inform aspects of new middle schools and potential impact to nearby middle schools

1. Maximize underused **elementary facilities** for betterment of school and community

   Takeaways: Identify and leverage partnerships to look at opportunities for building strong programs that provide wrap-around services to support families

1. Define additional **equity measures** to fairly prioritize capital projects

   Takeaways: Attention on how diverse students react to design based on culture, race, gender; equitable resource distribution e.g., amenities

Key Directions: 5YP - FY2019-23

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Crosswinds building

- Crosswinds purchase to help meet middle school capacity
- $50M approximately saved over building new
- Crosswinds purchase has delayed:
  - Obama Elementary (design starts in FY21 instead of FY19)
  - 1930 Como (completion in 2020 rather than 2018)

5YP - FY2019-23: Project Highlights

FMP Criteria for Project Prioritization (BOE approved Dec. 2015)

GROWTH AND ALIGNMENT

- Not creating additional enrollment capacity; it's about alignment to program needs
- Challenges for underused facilities

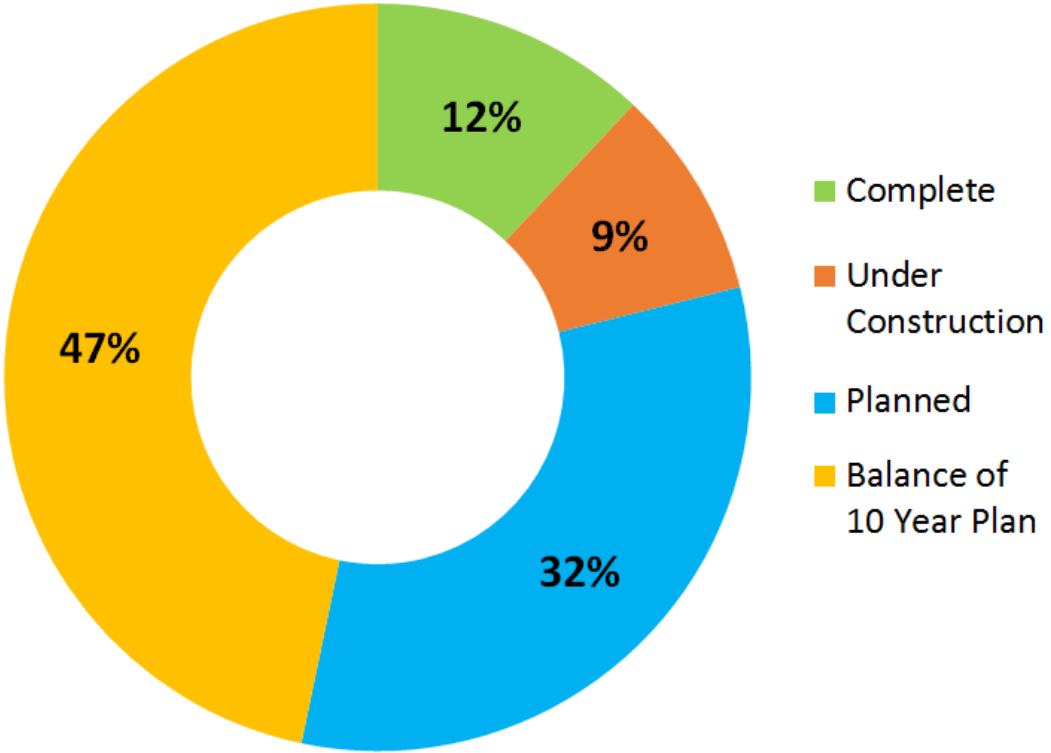
QUALITY LEARNING SPACES

- Collaborate with educators, students and families to design learning spaces that meet FMP vision, principles and standards

CORE SPACES

- Focus on improving learning spaces and buildings cores, e.g., gyms, cafeterias, kitchens, etc.

FMP Overall Progress Status



Design Phase Begins: Projects $10M+

FY19	FY20	FY21	FY22	FY23
• American Indian Magnet • Bruce Vento • District Service Facility • Frost Lake • Johnson Senior (HVAC)	• Cherokee Heights • Gordon Parks High • Ramsey Middle	• Obama • Farnsworth Aerospace - Lower • Highland Park Complex	• Four Seasons • J.J. Hill	• Battle Creek • Eastern Heights • Hazel Park • Mississippi Creative Arts

5YP - FY2019-23: Project Highlights

Every site (73) benefits in some upgrades and improvements:

- $1.73M per site over 5 years

OR

- $345K per site/per year of improvements on average

Considerations for SY2018-2019

Academic decisions being determined impacting remodeling plans:

- Highland Park Secondary Complex
  - Capacity and utilization, ensuring enough space for pathway program needs
    - Technical analysis by Facilities Department staff
- Gordon Parks
  - ALC opportunities expanding to 7-8 grades
    - Strategic decision as part of the initiative to develop a districtwide middle school model

BOE Investment Resolution (Dec. 2015)

- Sets investment for asset preservation:
  - Major repair/replacement program sets amount of “not less than 2.8% of CRV annually averaged over 5 years”
- FY19-23 is at $57.2M
  - 2.7% current replacement value/CRV) on average per year

FY2019-23: Proposed facilities investments

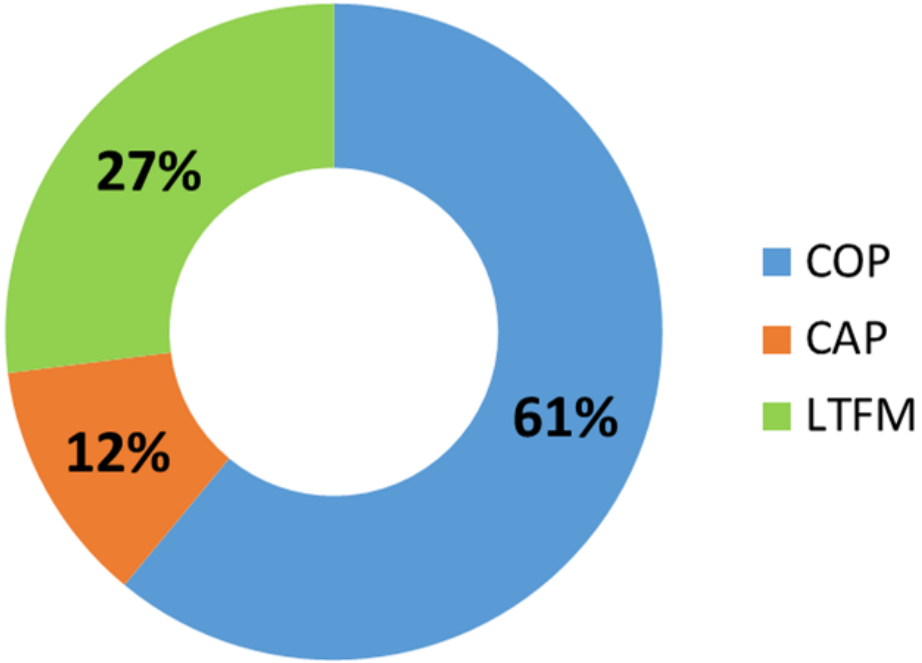
±$522 million

Includes new construction, major repair / replacement, abatement, and renovation.

Value includes estimated cost inflation over the next five years.
Value does not represent programmatic LTFM Health and Safety costs (865) nor Furniture, Fixtures, and Equipment

Funding Sources

1. Capital Levies (COP)
2. Capital Bonds
3. Long-term Facilities Maintenance (LTFM)



NOTE: Funding source alignment subject to change based on Business Office guidance, MDE approval, district strategic needs

Building Construction Funds

- Maintain, improve, remodel buildings and land
- **By law, cannot be used for other funding categories:**
  - Example: General Fund (pays for teacher salaries, transportation, teaching/learning needs, etc.
- Increases to Building Construction Funds **do not decrease** General Fund
- Funds from bonds sale, capital loans, or Long Term Facilities Maintenance Revenue (including levies)
- SPPS used bonds every year since 1994 to pay for facilities

Board of Education Action

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October 2018 Board of Education Action



- Five-Year Facilities Maintenance and Capital Plan: FY2019-23
- Consent agenda on Oct. 23

QUESTIONS?

Facilities Department

651-744-1800 | facilities@spps.org | spps.org/fmp

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