

# PPS FMP #3 – FACILITY PRINCIPLES

7.10.14



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## FMP #3 Agenda

- Welcome
- Review FMP #1 & #2
- Urban Context
- Principles
  - o Introduction
  - o What do we believe...
  - o What will we commit to...

## Reflections:

- SPPS Participated in Pride Parade: think about all students needs
- Prioritizing of projects: How will SPPS do this?
- Discipline at MS level concern = Overcrowding at this level → amt. of space Allocation → Use and Util.
- Planning for the future make decisions → money may not all be there at the beginning
- Philosophy of education/teaching and learning different philosophies in SPPS –
- “Readers; Writers workshop” is common @ elementary/ middle = different sized groups
- Montessori
- High School = all sorts
- Focus room → small – reflect on needs and how to accommodate all kids needs
- Size of CR does matter - # of CR important → smaller class sizes
- Language immersion schools → Canadian Schools example
- Challenge bring layers together to make work for everyone Pre- K → Early Ed = students need to move
- Laboratory of learning
- iPads will change learning space needs to be flexible for sized groups
- Facilities built in past for one type of learning
- Entering an era where learning environment needs to be flexible
- Appropriate sized space for largest sized class
- Concerns about obesity and diabetes → food service cafeteria in one door out the other, 7 minutes to eat → spaces are not conducive to health and wellness food, kitchen → no cafeteria? Mobil? Not centralized = Orange County, San Diego New Models → results = integrate local foods

## Urban Context Reflections (following David Motzenbecker’s presentation):

- Context matters; site and building within the neighborhood
- Safety is Critical Accessibility
- Capture benefits of neighborhood schools
- Neighborhood relationships are continuously evolving → what does this mean today
- Best practices should guide this process
- ? What are others doing?
- Learning happens everywhere → in the community not just in schools
- How much is realistic concern about financial impacts.
- Real and responsible = navigate the balance



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- How do we know what people need to know for the future of education and students success → critical role in creating future workforce of this area
- Reduce energy usage
- Be energy efficient
- Minimize their impact on the environment
- Meet heating and cooling codes
- I believe our facilities should have windows (with a view to the outdoors)
- Employ alternative energy sources
- Energy efficient
- Be cost- effective
- Energy efficient
- Have natural light and ventilation (operable windows)
- Should be colorful and bright!
- Have daylight throughout
- Increase natural light and ventilation

### **FACILITY PRINCIPLES (from the table brainstorming sessions)**

**NOTE:** The following brainstorming notes will be going through an editing and vetting process with the Facilities Master Plan Steering Committee.

The following is the work of the Facility Master Plan Committee.

(1) Category: Competitiveness

***SPPS is committed to excellence in facilities and grounds.***

*This means:*

- *Facilities and grounds that parents perceive to be high quality schools*
- *An attention to visual cues that signify “investment”*
- *Facilities designed to promote academic achievement.*

Achievement/accountability (post-its)

- Remove barriers that impede learning
- Age/ Dev appropriate
- Encourage high academic achievements
- Create environment conducive to learning
- Allow for accountability of students and staff
- Meet needs of students

Competitive Facilities (post-its)

- Flexibility
- Support SPPS curriculum
- Competitive
- Supportive
- I believe our facilities should be supportive

(2) Flexible

***SPPS is committed to providing facilities that are multi-use and the center of the community.***

*This means:*

- *Facilities will provide spaces that are flexible and adaptable to all learning.*

- *Facilities will anticipate changes in instruction and communities to adapt space and environments.*
- *Facilities will create space to collaborate with external stake-holders, community Partners, families, learners...*



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#### Flexible (post-its)

- Include multi-purpose spaces.
- Must be adaptable to changes in teaching styles and constantly changing enrollments.
- Allow for access to independent, small group and lg. group instructions
- Include student designed spaces in an on-going basis – mobility of furniture, walls, décor...
- Flexible spaces adaptable in buildings
- Provide for flexible learning environments. (easily adapted as educational needs change)
- Flexible learning spaces
- Change easily
- Flexible
- Allow for flexible teaching/learning environments
- Affordable
- Flexible
- Be flexible to the needs of diverse learners
- Should have many kinds of spaces. Spaces to reflect and be quiet., spaces to be loud and run, spaces to work together, to gather.
- Have the right spaces at the right time.
  - Enrollment
  - Programming
  - Neighborhood

#### **(3) SPPS is committed to providing facilities that support connectivity to the natural environment and the outdoors.**

*This means:*

- *Facilities will be overtly designed and planned to have a positive impact on the natural environment.*
- *Facilities will have safe outdoor spaces that are intentionally part of the instructional opportunities in active and passive ways.*

*Examples might include:*

- *Vegetable gardens*
- *Rain gardens*
- *Ponds*
- *Shady groves*
- *Play areas*
- *Wind and solar power*
- *Anything that fosters student understanding of their impact and connection to their natural environment*

#### Connectivity to natural environment (post-its)

- Facilities that connect to natural environment
- Must be designed and constructed with our environment and sustainability as a leading guideline.



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- Connect to the outdoors
- Outdoor space for learning
- Have gardens, preferably that grow food
- Allow access to outdoor spaces year round
- Have natural light
- Whole- child environments
- Connect learners to the outdoors

#### (4) Access

***SPPS is committed to providing facilities that support access for all.***

*This means:*

- *Facilities will create welcoming spaces that have natural light, air flow, traffic flow.*
- *Facilities will provide space for students, staff and visitors with disabilities*
- *Facilities will reflect and fit the physical needs of all learners and staff and visitors*
  
- *Facilities will address multi-lingual needs of learners and families.*

#### Access (post-its)

- I believe our facilities should be warm and welcoming learning and working environment for the good of all.
- I believe our facilities should be welcoming
- Fresh, open, and inviting to all occupants and visitors
- Balance a warm and welcoming atmosphere with a safe and secure learning environment
- Facilities designed to be welcoming and safe. (Carpeted)
- Well rounded
- Must be designed to be welcoming and usable to ALL students and faculty regardless of gender orientation.
- Access for ALL
- Encourage inclusiveness
- Welcoming
- Accessibility
- Accessibility
- Personalized individualized plans for learning 504, IEP
- Access to the facility and academic content by all
- Disability awareness – access
- I believe our facilities should be not bound to a specific educational trend or philosophy. They should be timeless.

#### (5) Category: Sustainability

***SPPS is committed to utilizing sustainable principles in the siting, design and operations of its facilities.***

*This means:*

- *Sites that encourage and promote multiple modes of transportation (walking, biking, transit, etc.)*
- *Design that maximize natural light and use renewable resources, (alternative energy sources)*
- *Operations that minimize energy use and waste, and plan for maximizing reuse. (E.G, compost, water, etc.)*
- *Design for increased climate variation (severe heat, significant rain, storms, etc.)*

#### Sustainability (post-its)

- Be used 24-7
- Reduce energy costs
- Green Design, green site design, energy efficient sustainability.
- Facilities for our (changing?) climate. Environment social

#### (6) High quality spaces

##### ***SPPS is committed to having high quality spaces***

*This means:*

- *Materials ( construction, carpeting, furniture) are of high standard industry specifications and long lasting*
- *Spaces will be comfortable*
- *Spaces will be based on quality design practices*

#### High quality specs (post-its)

- I believe our facilities should model best design practices
- I believe our facilities should be quality buildings
- Manageable

#### (7) Category – Design and aesthetics

##### ***We believe that SPPS is committed to providing facilities that are timeless with high quality design.***

*This means:*

- *Design that engages students mentally and physically*
- *Encourages movement*
- *Operates cost effectively and efficiently*
- *Fosters creativity*
- *Invites pride and ownership*
- *Retains historical integrity*
- *Well cited to its footprint*
- *Thoughtful design*

#### Best Practices: Design (post-its)

- I believe our facilities should be state of the art in terms of design and service delivery
- Support teachers and teaching. Space to plan
- More Pre-k spaces, encourage movement/ physical activity
- Physical activity
- Ability to change and meet the needs of our stake holders. Stake holders → being students, parents, community
- Engage students mentally and physically
- Should be run/ operated as economically as possible
- Teacher and staff- physical needs

#### Inspire creativity (post-its)

- Provide adequate space for students to grow spiritually (space for the arts)
- I believe our facilities should inspire
- Reflect the mission of the school. Learning environment

- Be inspiring, comfortable places ...
- Be places that feel natural for our students
- I believe our facilities should give all who enter them a sense of pride and ownership
- Attend to users need to be safe, belong and to be creative
- Creative spaces where all students are encouraged to have a voice and participate in their school community.
- Inspire creativity
- Outside the box
- Support and foster creativity
- Foster creativity



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#### Beautiful, pleasant and historic (post-its)

- Be exhilarating
- Be safe, warm and dry
- Pleasant to look at and work in.
- Be filled with natural light
- Attractive and well cared for
- Open
- Aesthetics
- Be beautiful
- Be comfortable
- Retain historical perspective
- Allow for lots of natural light.
- Be attractive
- Honor history (historic presentation)
- Help shape the neighborhoods they are in... and vice versa

#### **(8) SPPS is committed to creating environments that foster personalized learning**

*This means:*

- *Spaces that respect different learn needs and styles E.G adapted space and equipment*
- *Spaces that accommodate all abilities and mobilities.*
- *Spaces for consultants and specialists ( o.t's, Pt's, social workers)*
- *Choose the space for instruction*
- *Learners and families choose environments*
- *Youth and parent voice*
- *Co- decide what's best for their children*
- *Quiet space*
- *Training space*

#### Personalized learning (post-its)

- Flexible learning environments
- Developmentally appropriate
- Be responsible to different learning styles
- Be able to accommodate student/family wrap around physical/ mental services
- Social development
- I believe our facilities should talk about how to get more occupational therapists and physical therapists
- Space for quiet reflection

- Variety of opportunity for learning
- Foster individualized learning
- Choice
- Learner focused
- Have more teachers that know how to work with kids with special needs and gym in glass
- Accommodate different styles of learning
- Personalized “just right” space for just right instruction.
- How to get more special needs kids 15-18 with hands on instruction



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(9) Adaptable technology

***We believe that SPPS is committed to providing facilities that are adaptable to respond to future technologies.***

*This means:*

- *Facilities will be able to easily retro fit or create new ways of adapting to wireless and broadband internet access and the next iteration*
- *Facilities will continue to stay relevant to a fast changing world and the learners who will live and work in it.*

(post-its)

- Should integrate new technologies without having to rebuild
- Facilities wired and wireless for technology
- Capable of fast internet (broadband)
- Accommodate new technology

(10) College and Career readiness

***We believe that SPPS is committed to providing facilities that support college and career readiness.***

*This means:*

- *Have labs/ spaces that provide opportunities to learn and apply career skills*
- *Facilities will provide spaces for life-long learning*

(Post-its)

- Foster life-long learning
- I believe facilities should encourage and support life-long learning
- I believe our facilities are designed with the goal of meeting current and future needs of a global education
- Have labs that teach career skills

(11) Community

***SPPS is committed to having its facilities used by, reflect and connect to the community.***

*This means:*

- *Facilities are accessible, multi-functional and welcoming*
- *Facilities are designed with life-long learning in mind*

Community (post-its)

- Facilities whose design, siting and placement connect them to neighborhoods
- Be designed and used with community collaborative purposes/uses in mind
- I believe our facility should be meeting points of connecting with the larger community



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- I believe our facilities are at the \_\_\_ of the community
- Should have good use of light and common areas that can be used for multiple functions
- Be hubs of the neighborhood
- Provide for community inclusion
- Accommodate community groups learning and meeting
- I believe our facilities should be part of a larger community
- Foster life long learning
- Welcoming
- Be friendly
- Be of use/ service to the wider community
- Welcome the community
- Reach out into neighborhood
- Be multi-functional to embrace myrial communities
- Be accessible to community (easy to get permit)
- Schools at the heart of the community

#### (12) Equity

***SPPS is committed to providing facilities that promotes fairness and equity for all.***

*This means:*

- *All learning styles addressed in all buildings*
- *All buildings are functional and practical*
- *Facility decisions are based on needs – learners, building/space, community*

#### Equity (post-its)

- By keeping track of what keeps your child’s attention and those around them as a distraction
- Address every learners needs
- Be just like “just right” books we should have “just right” spaces
- Student focused teacher friendly
- Be based on equity which doesn’t always mean fair (equal) ex. More at risk schools will need more money/focus than other schools
- Be equitable
- Be student friendly
- Functional and practical

#### (13) Health and Safety

***SPPS is committed to environments that support and promote health and safety for all.***

*This means:*

- *Facilities will support improved nutrition and active school day by providing space that is flexible for eating and moving.*
- *Restroom facilities: adults/teachers/GL, BT students (access)*
- *Facilities will maintain space that meets regulatory guidelines*
- *Facilities will reflect and fit that “healthy students are better learners” so environment will support hand washing, infection control...*
- *Facilities will adapt to chronic disease management plans for student with asthma, hrg loss, diabetes, anaphylaxis*

#### Health and safety (post-its)

- Should balance security/safety with accessibility/welcoming





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- Be prepared for the worst case scenario
- Be well designed for safety and learning for all children.
- Connected to green spaces
- Be welcoming and safe
- Be safe and inviting
- Incorporate green spaces
- I believe our facilities should be a safe place for anyone who enters
- Safe
- Health
- Safety
- Safe but not restrictive feeling
- Safety

(14) Category: Location

**SPPS is committed to locating and investing in schools in a geographically balanced way.**

*This means:*

- *Facilities planning considers population and population change.*
- *Sites that encourage multiple modes of transportation (walking, biking, transit)*
- *Buildings that provide spaces for community use.*

Geographic location (post-its)

- Geographically distributed to include all areas of St. Paul
- Foster walk ability
- Aligned with areas of population growth in city

(15) **SPPS is committed to providing facilities that support authentic learning.**

*This means:*

- *Facilities will be designed so the building is a teaching tool.*
- *Facilities will have the variety and flexibility to support all learning styles and modalities*
- *Facilities will provide space for hands-on experiential opportunities*

(post-its) Authentic learning schools as learning tools

- Support students access to learning and high levels of achievement “Active learning” allow for “real-life” opportunities for student learning.
- 21<sup>st</sup> century learning
- Buildings could be used for instruction. Systems, physics, solar, day lighting, gray mater systems, green roofs as study topics

(16) **SPPS is committed to spaces that facilitate experiential learning**

*This means:*

- *Facilities will provide space for art education*
- *Facilities will provide space for extracurricular learning*
- *Facilities will provide space for athletics and physical activity*
- *Facilities will provide space for collaborative work among teachers*
- *Facilities will provide space for hands-on learning opportunities*

Spaces, experiential learning (Post-its)

- Allow for hands- on learning
- Flexible and adaptable for learning



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- Flexible and adaptable as we redefine our learning \_\_\_\_\_ time.
- Be engaging for students and staff
- Add spaces
- Increase sports fields and tracks
- Our facilities should be able to enhance extracurricular activities.
- Aware of other uses after school – extracurricular
- Have space for fine arts – music, graphic arts
- Arts
- “Experiential learning” spaces
- Places for teaching staff to work together

(17) Collaboration

***SPPS is committed to providing facilities that foster partnerships and community connections.***

*This means:*

- *Partnering and providing space for organizations to support students and community member health and well- being*
- *Facility accessibility for community use. i.e. procedures/policies for building use*
- *Investigate facility use for childcare options and other community needs i.e. discovery club for 0-3, staff*

(post-its)

- I believe our facilities should learning from one another. Fix the problem’s at hand as a helper and buddy system and class/ helper (when a teachers help is not around)
- Child care for students discover club. Add parents, children staff
- Community obligations beyond SPPS non-pub health services. ECS, early childhood screening all 3-5 y.o. not just SPPS. Saint pay
- Partner with health dept re: ship immunization
- I believe our facilities should be places where every stake holder can learn, grow and make meaningful connections.

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