



# IRVINE UNIFIED SCHOOL DISTRICT

Alderwood ES

Brywood ES

College Park ES

Deerfield ES

Greentree ES

Northwood ES

Santiago Hills Es

Stone Creek ES

Turtle Rock ES

Westpark ES

Lakeside MS

Sierra Vista MS

Venado MS

Vista Verde K8

Northwood HS

Woodbridge HS

BONITA CANYON ES

CANYON VIEW ES

CULVERDALE ES

EASTSHORE ES

MEADOW PARK ES

OAK CREEK ES

SPRINGBROOK ES

STONEGATE ES

UNIVERSITY PARK ES

WOODBURY ES

RANCHO MS

SOUTH LAKE MS

PLAZA VISTA K8

IRVINE HS

UNIVERSITY HS

- *Integrity*
- *Empowerment*
- *Collaboration*
- *Trustworthiness*
- *Learning*



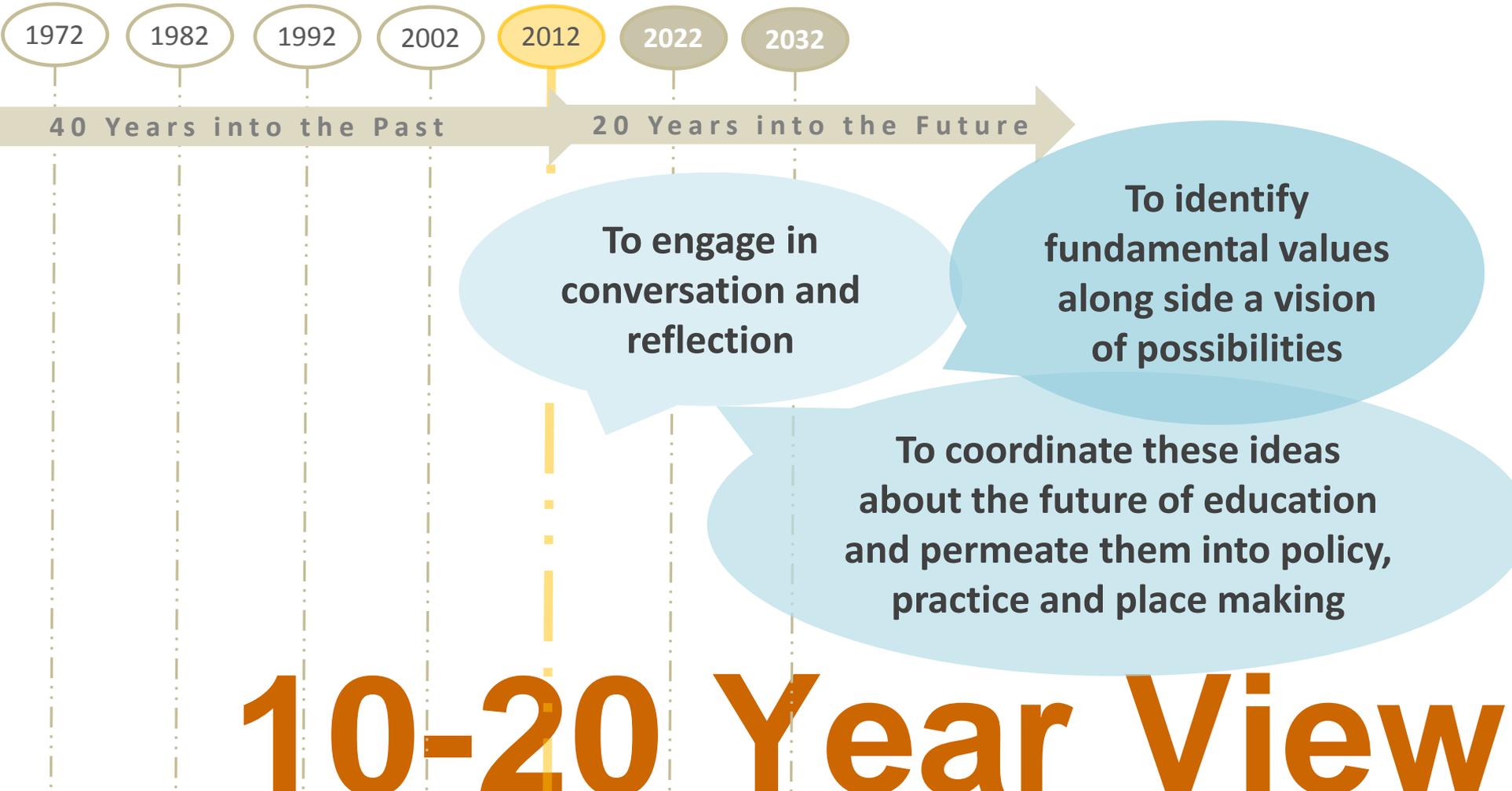
In Spring 2011, Irvine Unified School District began the development of a twenty year Comprehensive Facilities Master Plan (FMP).

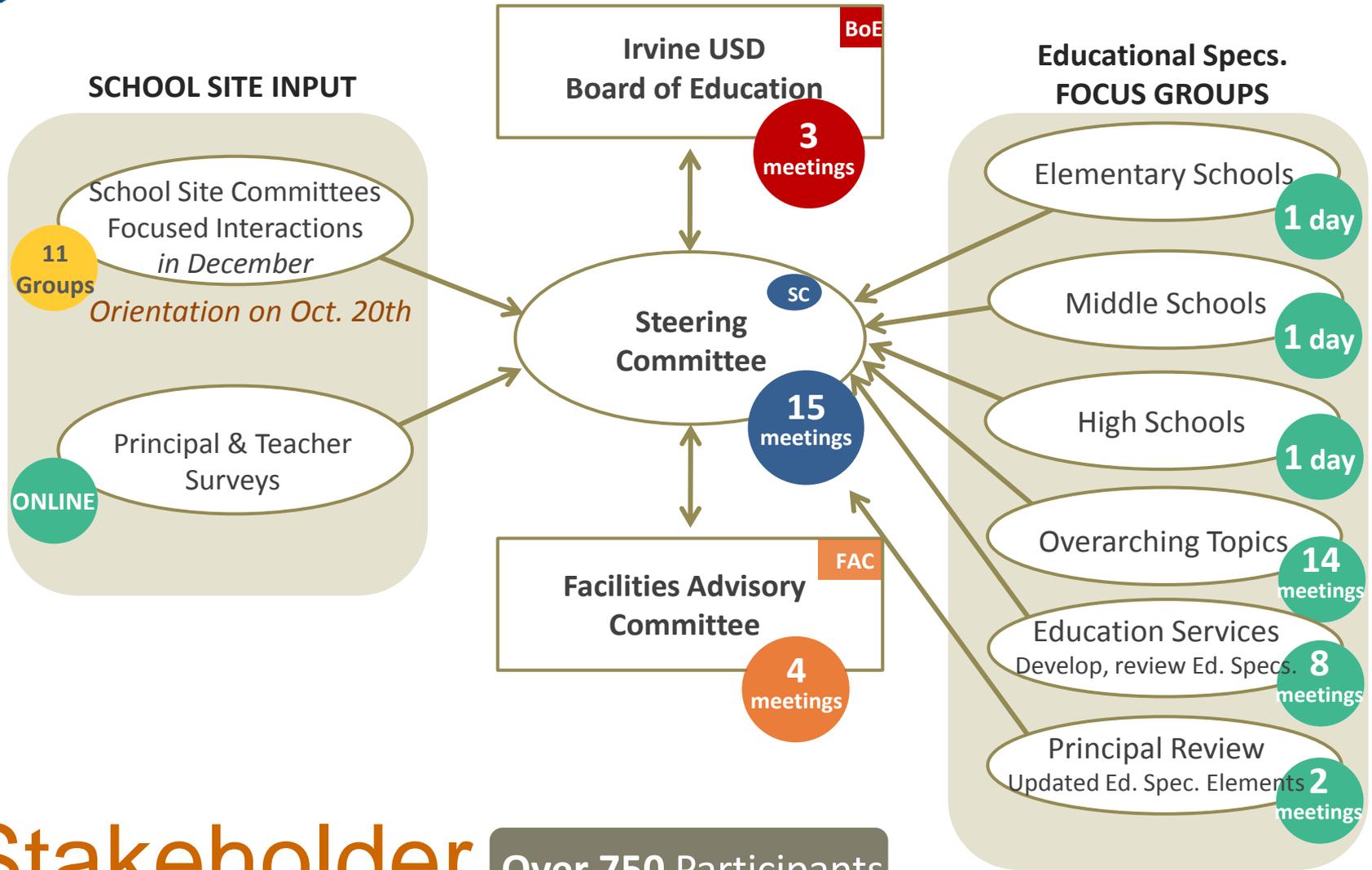
The following is an overview of the process to-date, final draft guiding principles and the ES, K8 and MS Educational Specifications.

*“The Facilities Master Plan will focus on analysis of existing and future facilities needs. It will contain an implementation plan with cost estimates for providing new school facilities and improvements to existing facilities. It is IUSD’s intent to assemble a team that will work collaboratively within IUSD and the community to establish a plan that will cover the period 2010 – 2030.”*

-IUSD Request for Proposal, October 2010

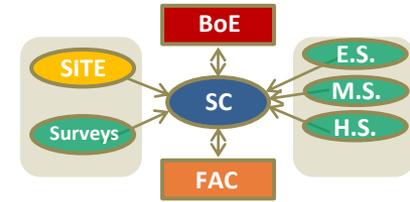
# Introduction



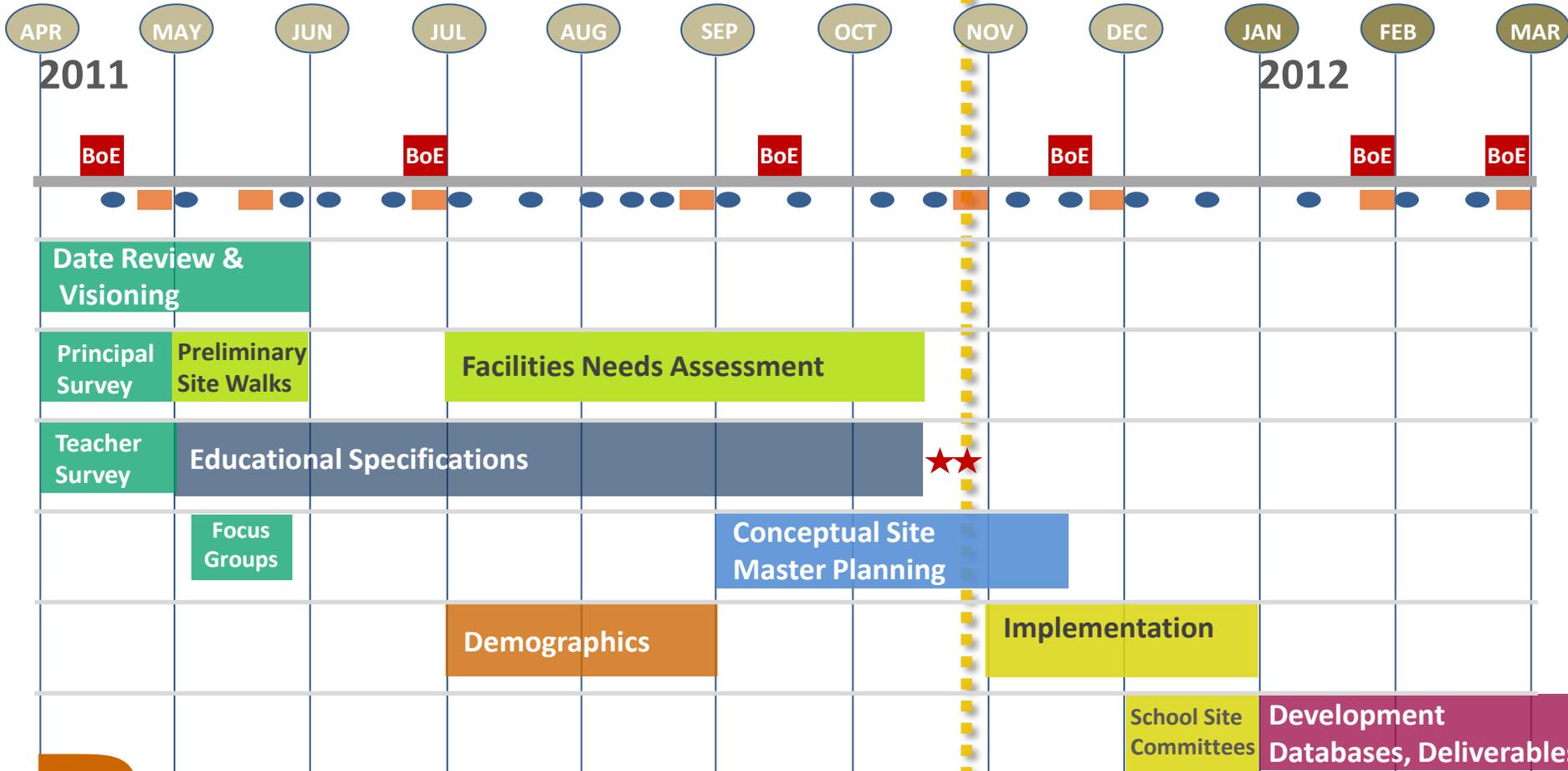


Stakeholder Over 750 Participants

Engagement To-Date



TODAY



# Process



## EXPLORATION

Evaluate how facilities support IUSD's educational goals

## VISIONING

Visioning the future of IUSD facilities that support *the Facilities Master Planning Guiding Principles*

## VALIDATION

Refinement of the final draft Guiding Principles  
*Select new facility elements to support the vision*

## DATA COLLECTION

Updated Site Needs Assessments to be *verified with school site committee needs*

## IMPLEMENTATION

Development of Educational Specifications  
*Basis for modernization and new school development*

# Achievements



**Respond to the needs of each student**



**Empower students to succeed**



**Support professional development**



**Nurture healthy people & healthy, safe environments**



**Establish the highest quality programs**



**Celebrate the uniqueness of Irvine's communities**



**Maintain a long-range view**

# Guiding Principles



## WE WILL RESPOND TO THE NEEDS OF EACH STUDENT...

by recognizing the individuality of each student, **supporting all learning styles**, and fostering the inquisitive nature of students. Because **learning happens everywhere**, every aspect of the facility will elicit, support, and sustain learning for each student. Flexible facilities will promote the most current and effective approaches to teaching and learning that support the different **developmental, social, emotional, and intellectual needs** of each child.





## WE WILL EMPOWER STUDENTS TO SUCCEED...

by providing **relevant** and **flexible learning spaces** that connect students and staff to a rapidly changing world. Through the **effective integration** and utilization of resources – people, technology, tools, and facilities – we will **enrich the learning experience** and **prepare students** for futures that will embrace:

- Creativity and Entrepreneurship
- Critical Thinking and Problem-Solving
- Self-Directed Learning
- Communication, Collaboration, and Interpersonal Skills
- Technological & Information Literacy and Digital Citizenship
- IUSD Core Values: Integrity, Trust, Collaboration, Empowerment, and Learning
- Environmental Responsibility





## WE WILL SUPPORT PROFESSIONAL DEVELOPMENT...

through activities that **build capacity, cultivate collaboration,** and **maximize talents** of teachers and staff, to best accommodate the needs of every student. Schools and facilities will provide inspiring spaces that support and encourage **professional learning communities,** teacher training opportunities, and communication and articulation between educators. We will promote a **connected community of effective teachers and facilitators.**





## WE WILL NURTURE

# HEALTHY PEOPLE & HEALTHY, SAFE ENVIRONMENTS...

through **thoughtful and sustainable design**, construction, and maintenance of safe and healthy schools and workplaces. Schools and facilities will serve as **teaching tools** that support our students' and staff members' well-being on a social, physical, and emotional level. Facilities will **enhance student learning and achievement** while attracting, supporting, and retaining **extraordinary professionals and educational leaders**.





## WE WILL ESTABLISH THE HIGHEST QUALITY PROGRAMS...

that **maximize learning opportunities** and **foster the joy of learning** in clean, attractive, energy-efficient facilities. We will design and build new facilities, and modernize existing facilities, to complement, support, and enhance the **highest quality educational experience** for each student. Both indoor and outdoor school spaces will facilitate and showcase students' creative endeavors. New facilities will **raise the standard for all of our schools**, and guide modernization efforts and the refinement of existing facilities.



# 5



## WE WILL CELEBRATE THE UNIQUENESS OF IRVINE'S COMMUNITIES...

by designing schools and programs that are **integral to the community** they serve, while providing **equitable learning experiences** for each student. School designs will encourage parental, student, and community engagement, and offer **distinctive opportunities and programs** based on community needs and local culture.





## WE WILL MAINTAIN A LONG RANGE VIEW...



by developing, implementing, and continuously refining a comprehensive Facilities Master Plan that **anticipates future needs and values stewardship**. By engaging in **stakeholder-based dialogues**, we will identify and align resources to ensure that facilities accommodate the changing needs of the District, providing the **greatest synergy between evolving programs** and the built environment. Facilities that are **energy-efficient flexible**, and easy to maintain, as well as economical to build and operate, will be essential to accomplishing the goals of the District. This will be particularly important as financial and other resources fluctuate. The Plan will serve as a **living document that supports our mission** “to provide the highest quality educational experience we can envision.”



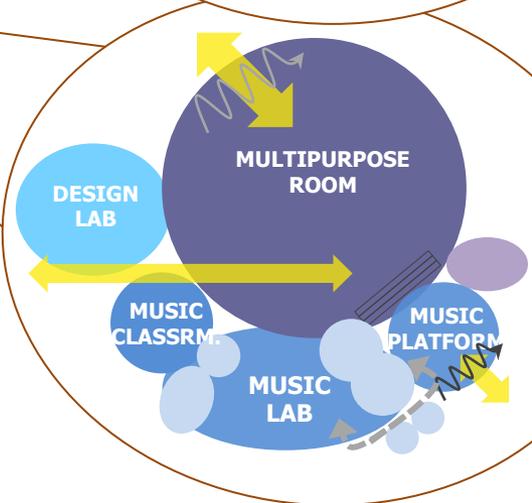
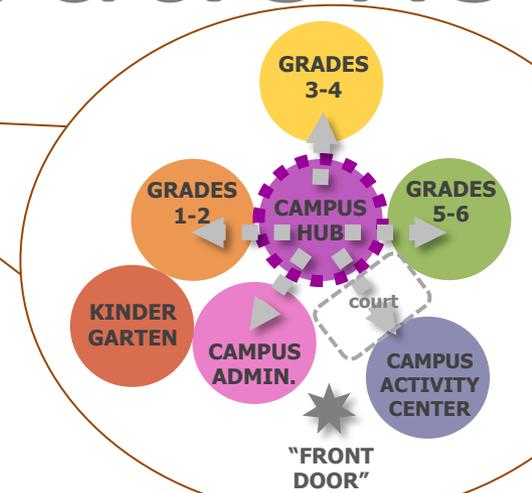


# Planning Considerations

1. Examine grade level groupings and program adjacencies to best support the educational program goals

2. Incorporate updated program elements that reflect the guiding principles

3. Review school facilities and compare to the Ed. Spec's - program enhancements, size and type of spaces



# Common Themes



# *Why Ed. Spec's?*

Required by State when requesting State funding

Basis for Dialogue with the Development Community  
when a new school is required

Basis for modernizing and updating existing schools to support  
the highest quality educational experience for each student





*“A true educational specification is a dynamic, visionary document reflecting activities that engage students.*

*The educational vision must reflect specific needs within the community so the educational program must grow out of dialogue with all user groups.”*

-CEFPI, Council for Educational Facilities Planning International

guides a consistent approach in developing each school implementation plan

**A COMMON BASELINE**

engages stakeholders in a participatory process in developing their long range vision

**LONG RANGE VISION**

serves to document educator’s intent for program delivery and goals

**OUTCOME FOCUSED**

defines physical parameters of the environments with students in mind

**LEARNER CENTERED**

are used for new construction, assessing existing facilities and budgeting scope

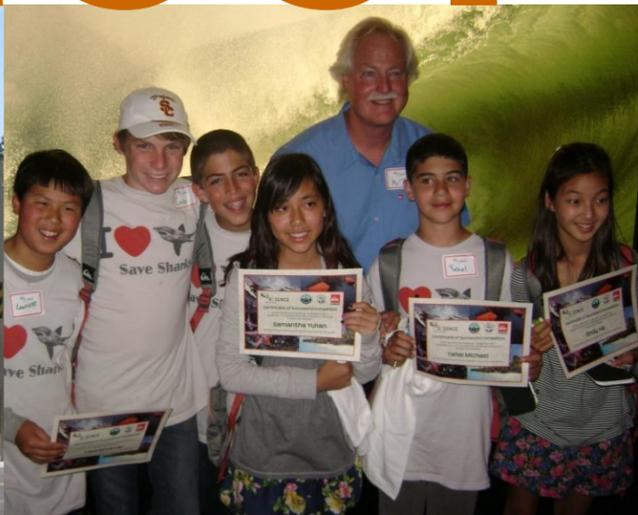
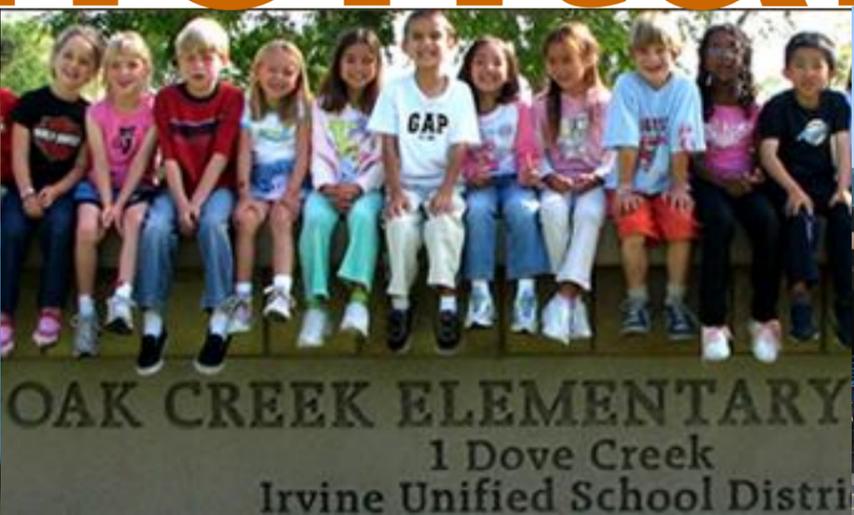
**EQUITABLE QUALITY**

are a reflection of community needs and school specific conditions

**UNIQUE COMMUNITY**

# Ed. Specs. defined

# Educational Specifications: Elementary School



# Elementary School Program

700 Student School

## Kindergarten

100 students / 33 students per classroom (S/CR) =

3

## 1<sup>st</sup> – 2<sup>nd</sup> Grade

(2 grades x 100 students) / 33 (S/CR) =

6

## 3<sup>rd</sup> – 4<sup>th</sup> Grade

(2 grades x 100 students) / 34 (S/CR) =

6

## 5<sup>th</sup> – 6<sup>th</sup> Grade

(2 grades x 100 students) / 34 (S/CR) =

6

**Innovation Lab** (adjacent to Media Center)

1

**Special Ed/RSP** (480 SF each)

2

**Music** (Vocal, Strings, Winds)

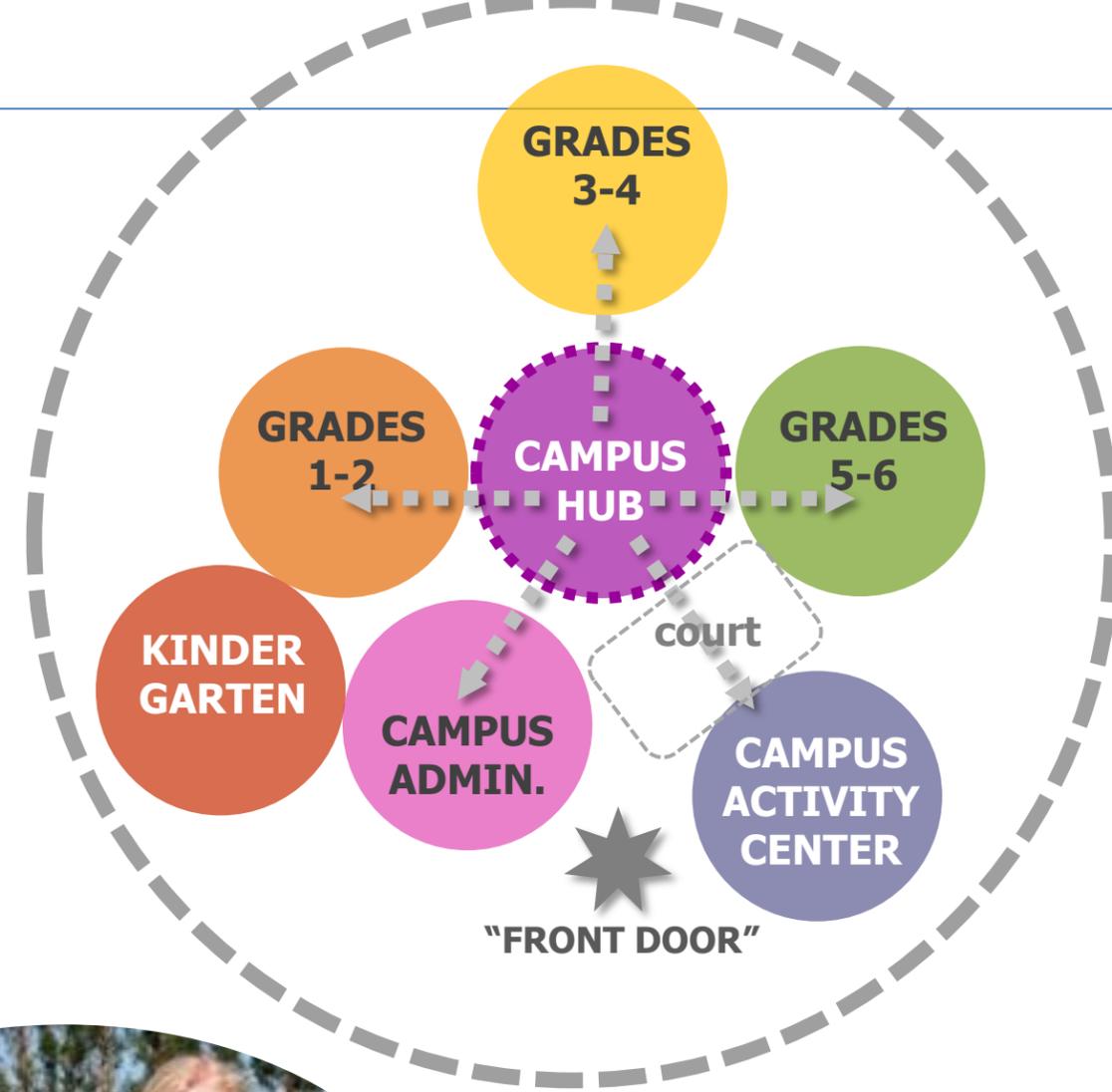
3

**Design Lab** (adjacent to MPR)

1

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28



## Recommended New Program Elements

<b>CAMPUS ADMIN</b>	<b>Parent/Conference Center</b>	400 SF
<b>KINDER GARTEN</b>	<b>Kinder. Shade Structure (@ 1/3)</b>	400 SF
<b>CAMPUS HUB</b>	<b>Learning Center/Living Skills</b>	1,000 SF
	<b>Library/Tech. Support</b>	900 SF
<b>CAMPUS ACTIVITY CENTER</b>	<b>Music Rehearsal &amp; Workroom</b>	880 SF

## Underlying Principles



**6** We Will Celebrate The Uniqueness of Irvine's Communities...

- designing schools and programs that are integral to the community
- encourage parental, student, and community engagement



**1** We Will Respond to the Needs of Each Student...

- support the different developmental, social, emotional, and intellectual needs



**2** We Will Empower Students to Succeed...

- effective integration and utilization of resources – people, technology, tools, and facilities



**5** We Will Establish The Highest Quality Programs...

- maximize learning opportunities and foster the joy of learning
- enhance the highest quality educational experience

**PROGRAM ELEMENTS**

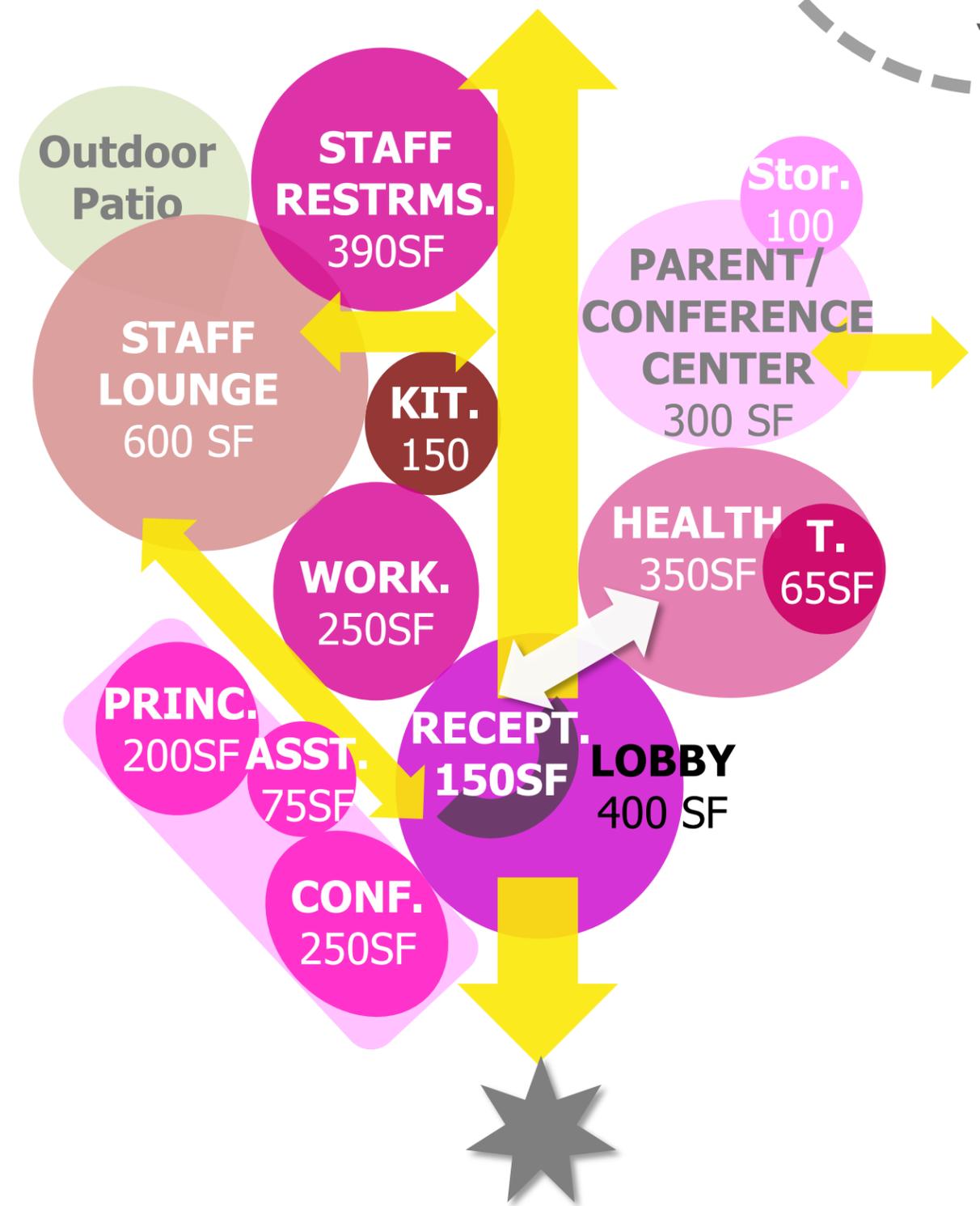
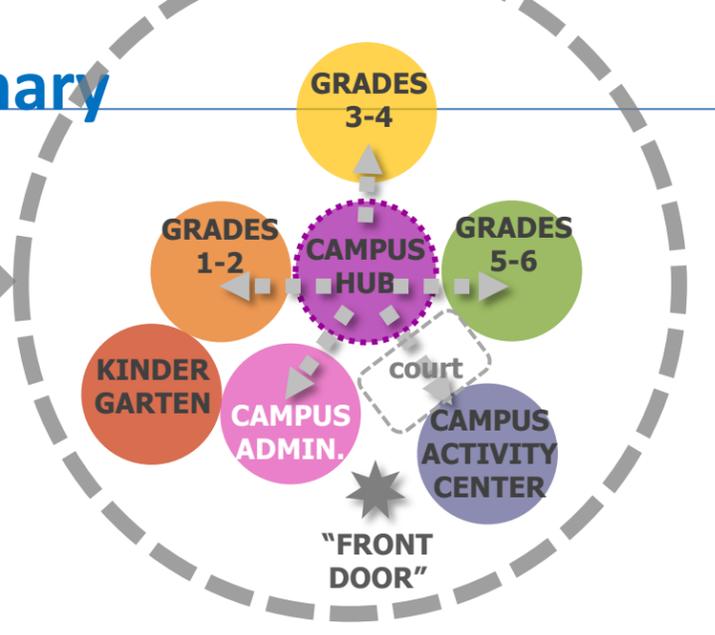
**SQ. FT.**



- Main Office/Lobby**
  - Principal Office
  - Principal's Assistant
  - Conference Room
  - Reception
  - Lobby
- Staff Support**
  - Staff Lounge
  - Kitchenette
  - Workroom
  - Staff Restrooms
- Health Office**
  - Cot Room
  - Toilet
- Parent/Conference Ctr.**
  - Center
  - Storage

1,075
1,390
415
400

**KEY PLAN**

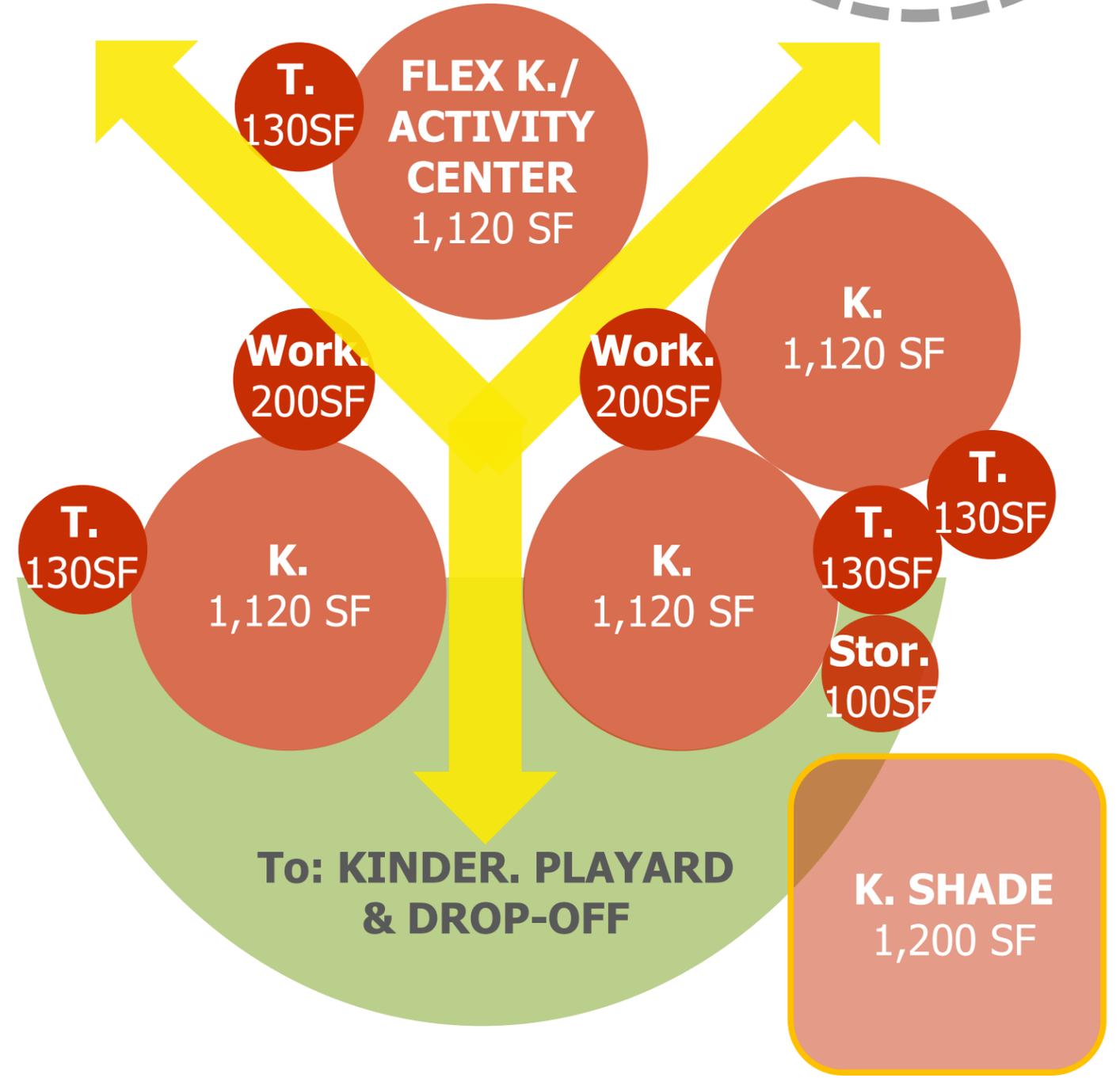
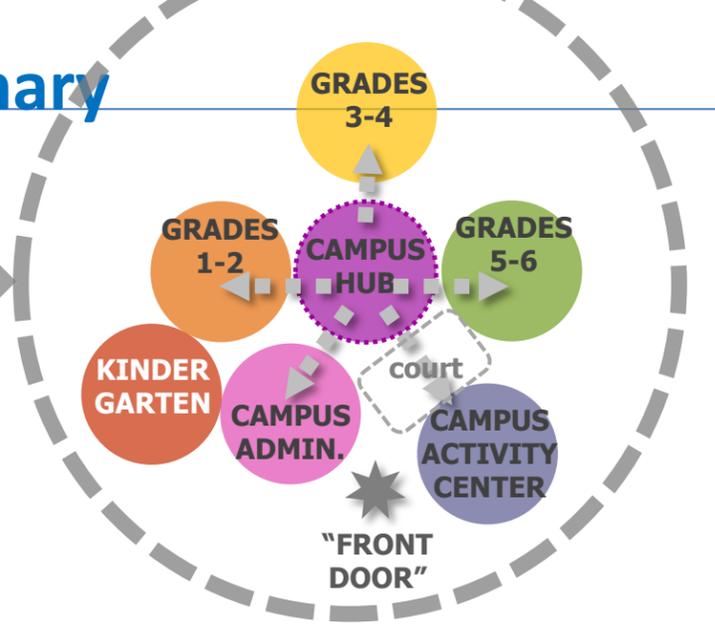


**PROGRAM ELEMENTS**

**SQ. FT.**

<b>KINDER GARTEN</b>	<b>K. Classrooms</b> (3) Classrooms (3) Toilets	3,750
	<b>Flex K./Activity Center</b> Center Toilet	1,250
	<b>K. Support</b> (2) Workrooms Outdoor Storage	500
	<b>K. Shade Structure</b> (1/3 actual SF)	400

**KEY PLAN**



**PROGRAM ELEMENTS**

**SQ. FT.**

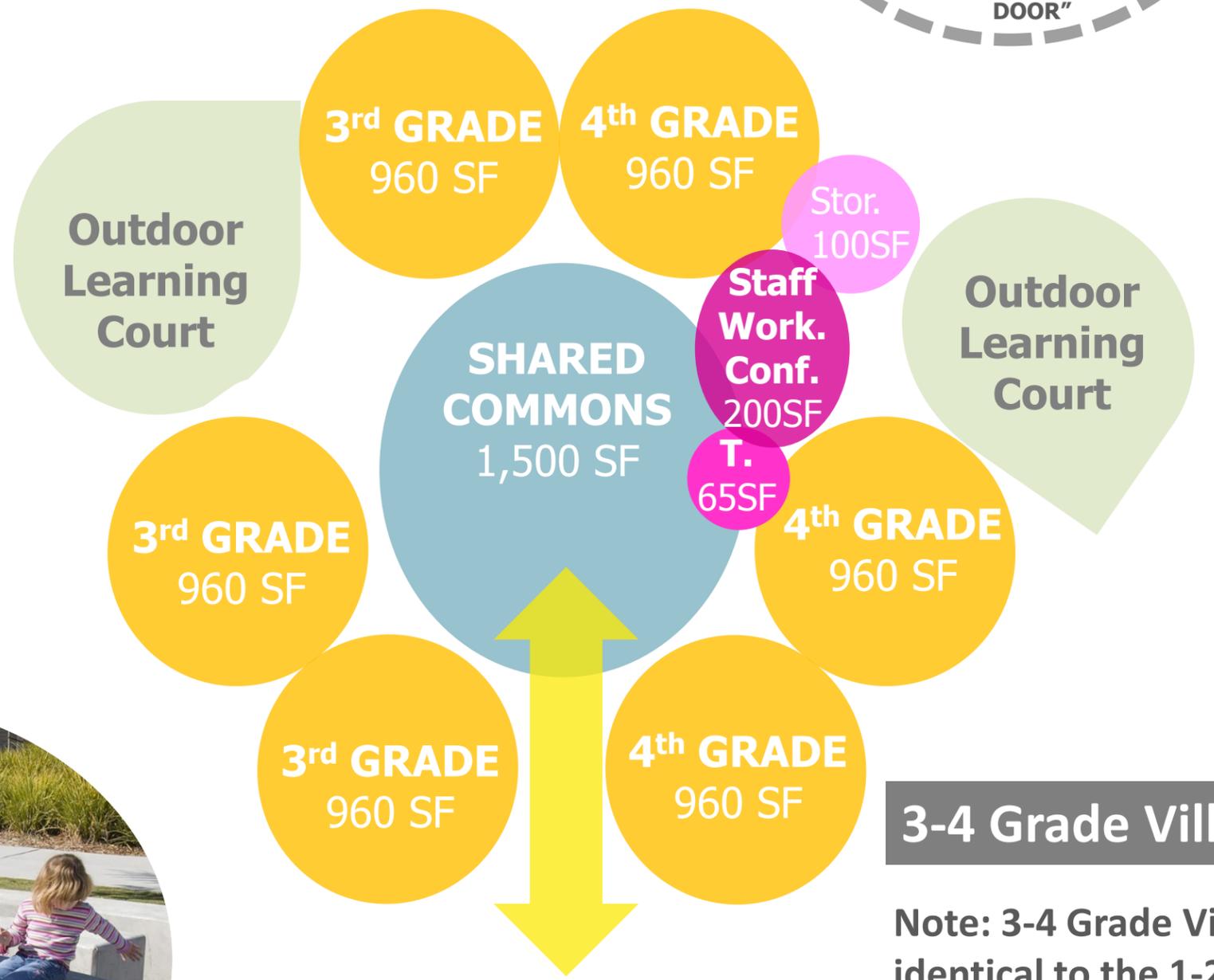
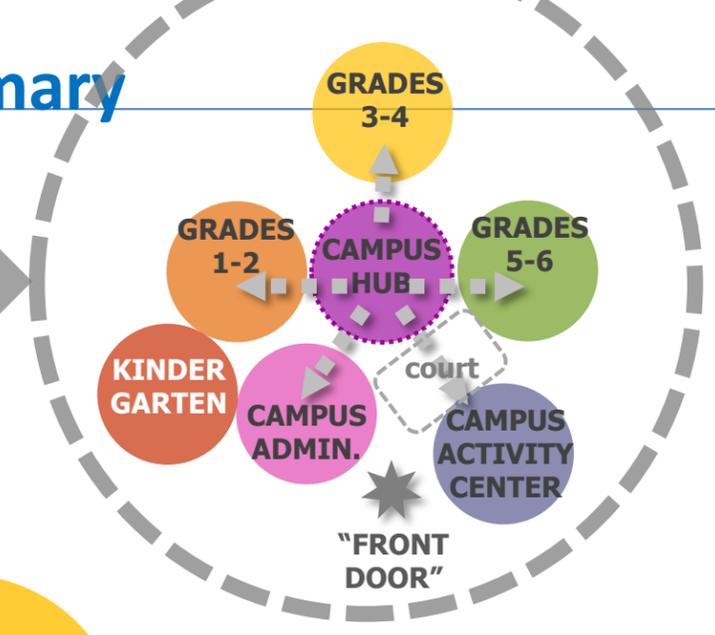
	1-2 Grade Village	7,625
	3-4 Grade Village	7,625
	5-6 Grade Village	7,625
	(2) RSP Rooms (located at 1-2/5-6 Village)	960

**Each Village includes:**

- (6) Classrooms
- Shared Commons
- Staff Workrm./Conference
- Staff Toilet
- Storage



**KEY PLAN**



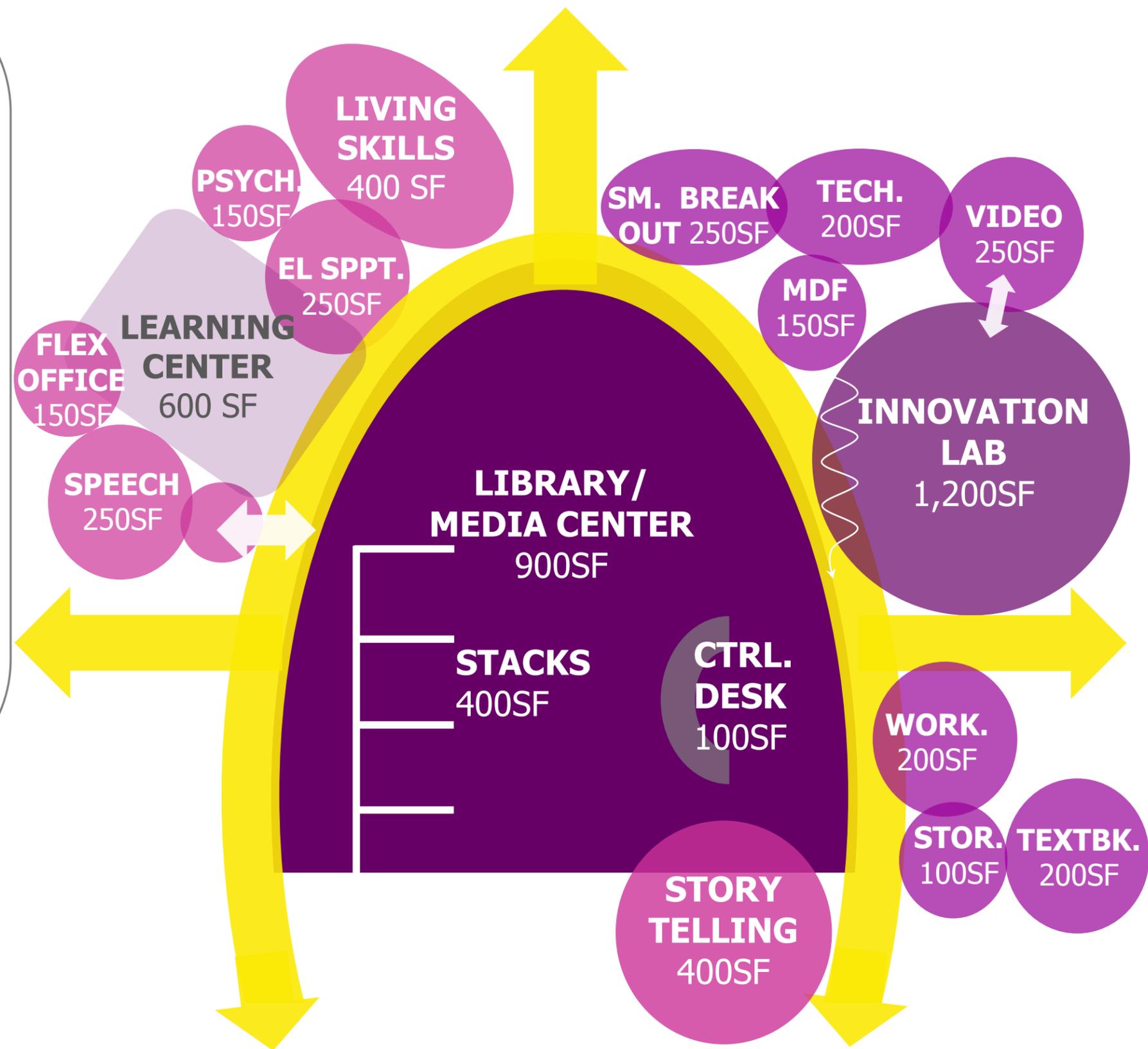
**3-4 Grade Village**

**Note: 3-4 Grade Village is identical to the 1-2 and 5-6 Grade Village except the added RSP Rooms**

**PROGRAM ELEMENTS**

**SQ. FT.**

PROGRAM ELEMENTS	SQ. FT.
<b>CAMPUS HUB</b> <b>Library/Media Program</b> Library/Media Center Stacks Circulation Desk Story Telling Workroom Storage Textbook Room Small Break-out Room	2,550
<b>Innovation Program</b> Lab Video/Broadcast	1,450
<b>Student Support Services</b> Speech Office Psychologist Office Flex Office EL Support Office Learning Center Living Skills	1,800
<b>Tech. Support</b> Tech. Office/Workroom Main Distribution Frame	350

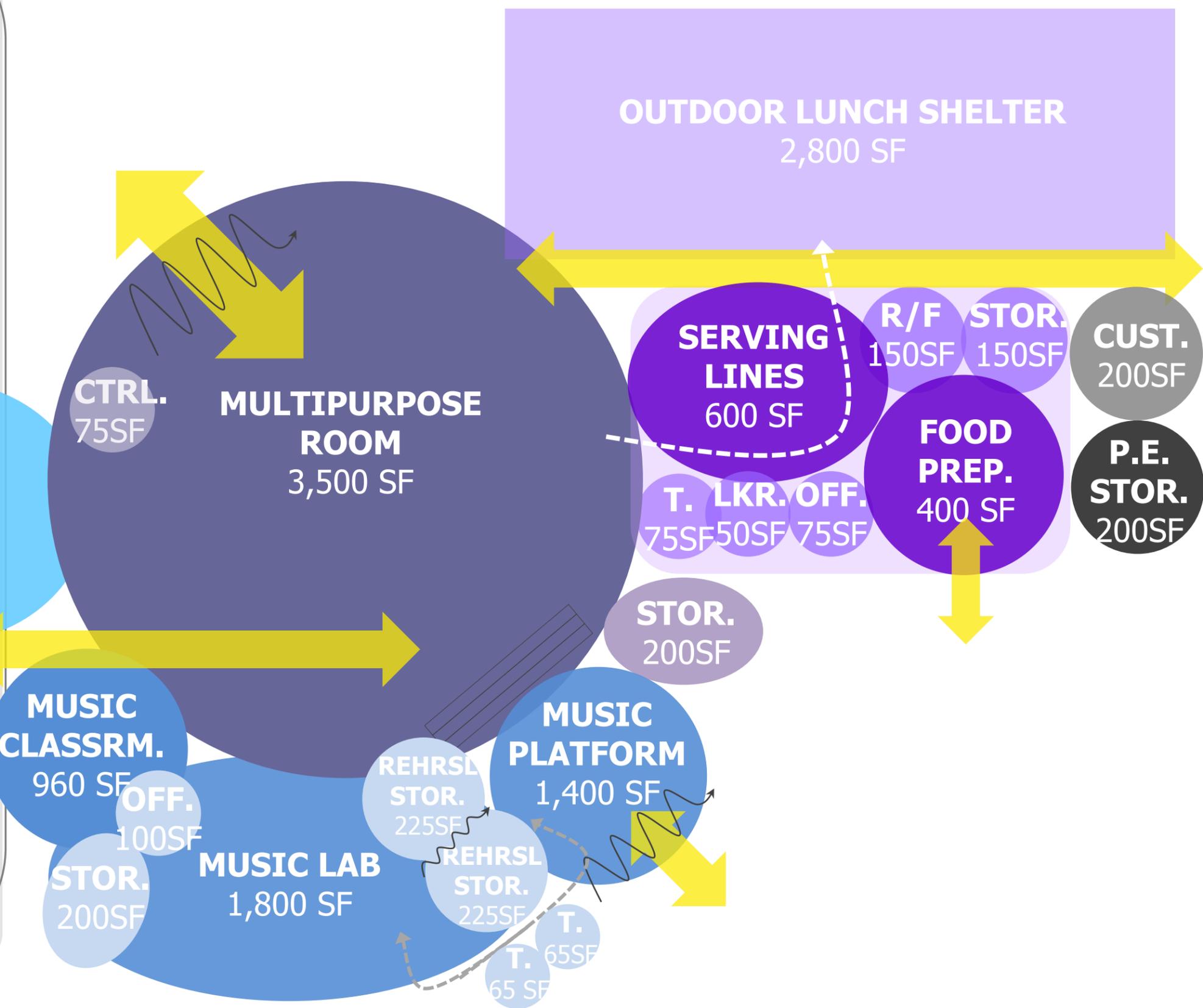




Library/ Media



PROGRAM ELEMENTS	SQ. FT.	
<b>CAMPUS ACTIVITY CENTER</b>	<b>MPR Program</b> Multipurpose Room Control Room Chair Storage	3,775
	<b>Music Program</b> Music Platform (Winds) Music Classroom (Vocal) Music Lab (Strings) Instrument Storage Music Office (2) Rehearsal, Stor. Rms. Back-of-house Toilets	5,040
	<b>(1) Design Lab &amp; Storage</b>	1,400
<b>Food Service Program</b> Serving Lines, Office, Toilet, Locker, Food Preparation, Refrigerator Freezer, Storage	1,500	
<b>Lunch Shelter</b> (1/3 actual SF)	933	
<b>Custodial Services</b>	200	
<b>P.E. Storage</b>	200	



# Irvine Unified School District Elementary School Program Summary



Design Lab



Multi-Purpose



Music



Fitness



Nutrition & Health



# Educational Specifications: **K-8 School**



# K-8 School Program Summary

900 Student School

	Teaching Stations
<b>Kindergarten</b> 100 students / 33 students per classroom (S/CR) =	<b>3</b>
<b>1<sup>st</sup> – 3<sup>rd</sup> Grade</b> (3 grades x 100 students) / 33 (S/CR) =	<b>9</b>
<b>4<sup>th</sup> – 5<sup>th</sup> Grade</b> (2 grades x 100 students) / 34 (S/CR) =	<b>6</b>
<b>6<sup>th</sup> – 8<sup>th</sup> Grade</b> (3 grades x 100 students) / 32 (S/CR) =	<b>6</b>
<b>Science/Flex Labs</b>	<b>3</b>
<b>Innovation Lab</b> (adjacent to Media Center)	<b>1</b>
<b>Special Ed/RSP</b> (480 SF ea.)	<b>2</b>
<b>Music</b> (Vocal, Strings, Winds)	<b>3</b>
<b>Design Lab</b>	<b>1</b>
<b>MS PE &amp; Fitness Lab</b>	<b>1</b>

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**35**



## Recommended New Program Elements

CAMPUS ADMIN	Parent/Conference Center	400 SF
CAMPUS HUB	Library/Tech Support	900 SF
	Learning Center/Living Skills	1,000 SF
CAMPUS ACTIVITY CENTER	3 <sup>rd</sup> Music Clsrm. & Rehearsal	1,060 SF
	MS PE & Fitness Program	1,400 SF
KINDER GARTEN	3 <sup>rd</sup> Kindergarten Classroom	1,350 SF
	Kinder. Shade Structure (@ 1/3 sf)	400 SF

## Underlying Principles



6

We Will Celebrate The Uniqueness of Irvine's Communities...

- providing equitable experiences e.g. Middle School Experience (PE)
- encourage parental, student, and community engagement



1

We Will Respond to the Needs of Each Student...

- support the different developmental, social, emotional, and intellectual needs



2

We Will Empower Students to Succeed...

- effective integration and utilization of resources – people, technology, tools, and facilities – purpose designed 3<sup>rd</sup> K



5

We Will Establish The Highest Quality Programs...

- maximize learning opportunities and foster the joy of learning
- enhance the highest quality educational experience

## PROGRAM ELEMENTS

## SQ. FT.

### CAMPUS ADMIN

#### Main Office/Lobby

1,225

- Principal Office
- Principal's Assistant
- Assistant Principal Office
- Conference Room
- Reception
- Lobby

#### Staff Support

1,390

- Staff Lounge
- Kitchenette
- Workroom
- Staff Restrooms

#### Health Office

415

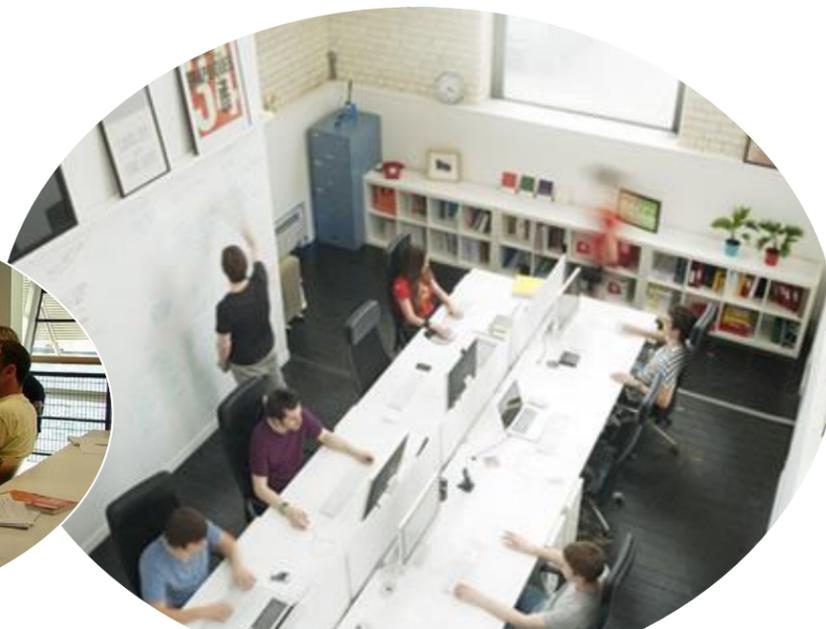
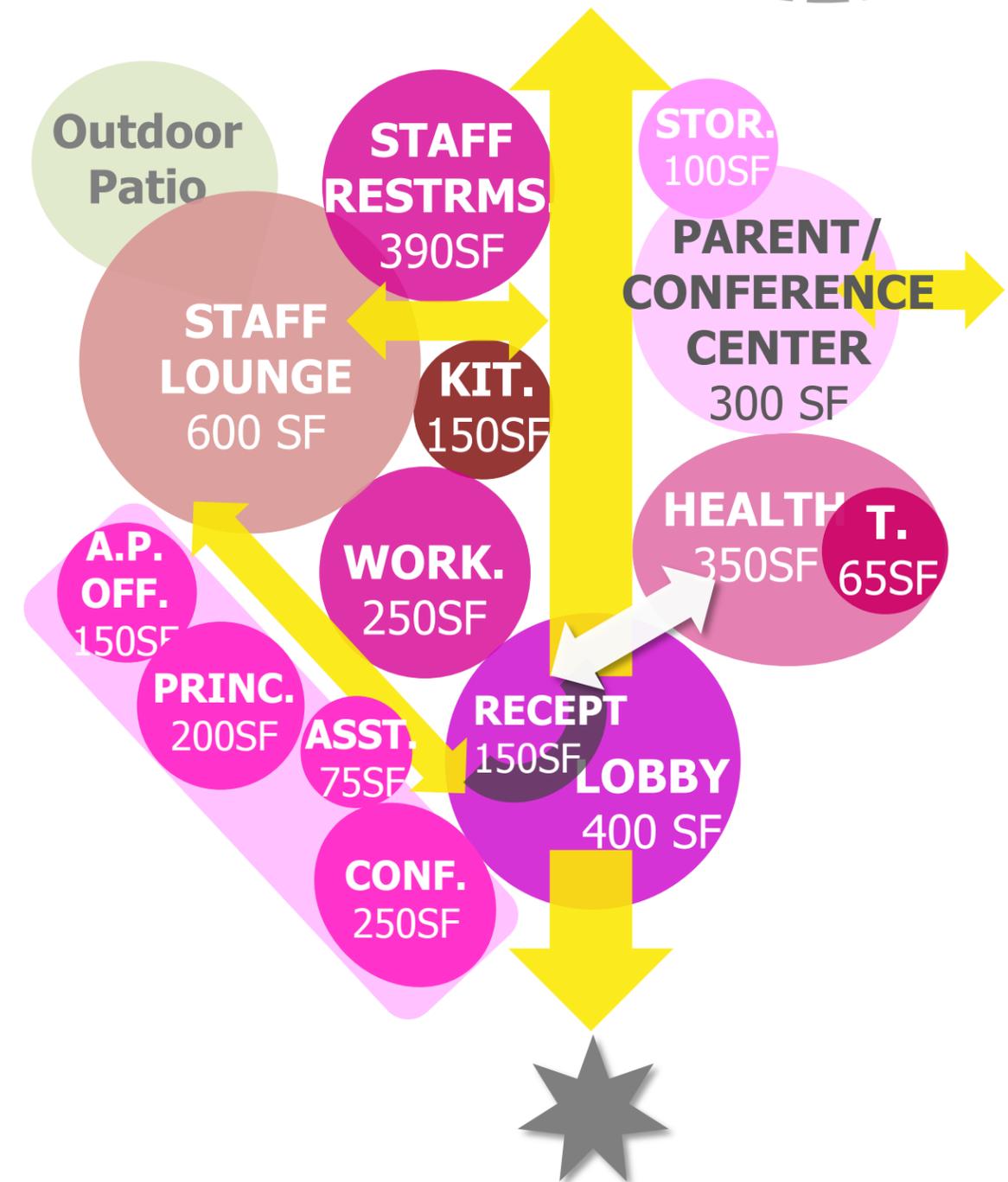
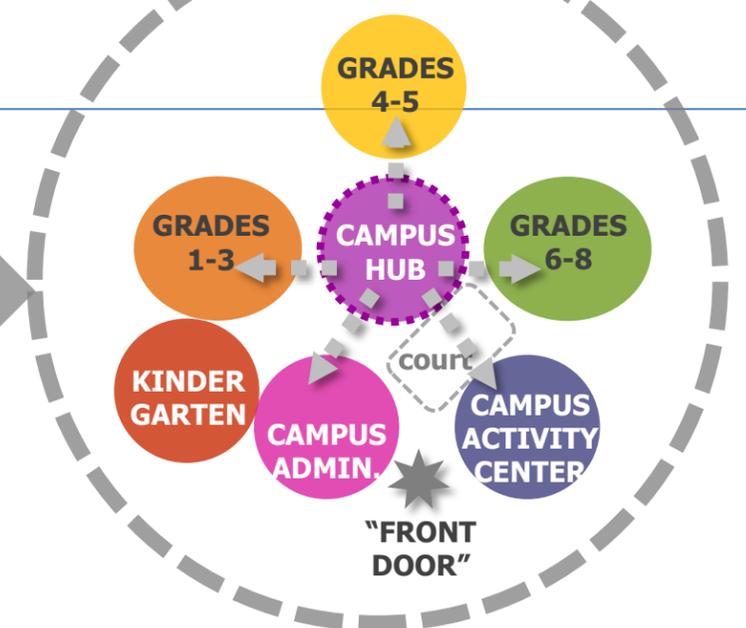
- Cot Room
- Toilet

#### Parent/Conference Ctr.

400

- Center
- Storage

### KEY PLAN

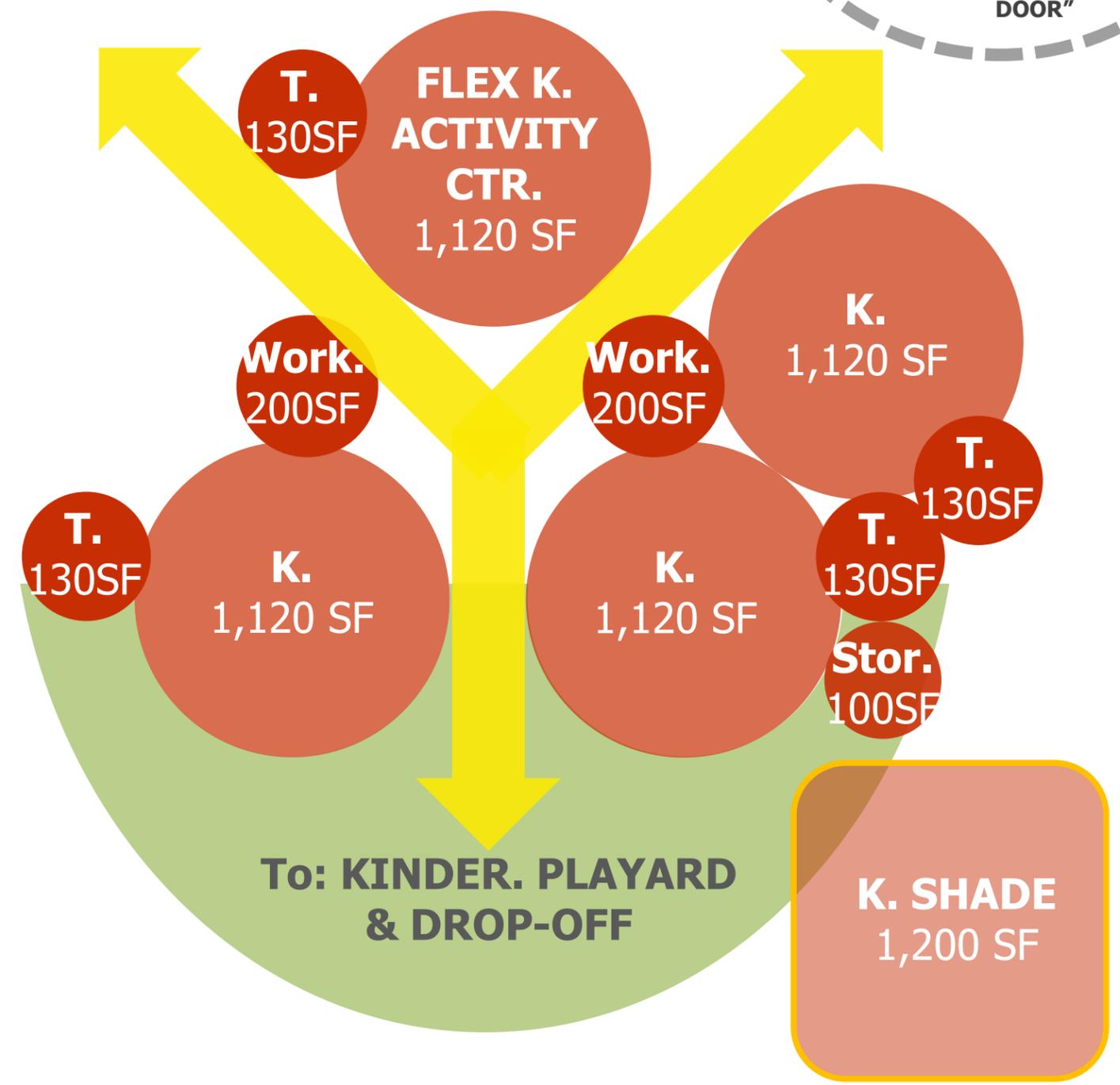
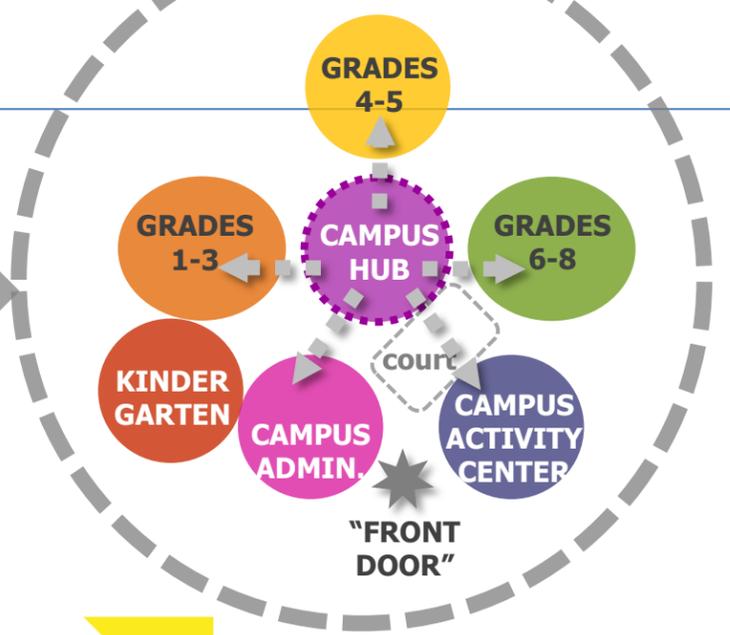


**PROGRAM ELEMENTS**

**SQ. FT.**

<b>KINDER GARTEN</b>	<b>K. Classrooms</b> (3) Classrooms (3) Toilets	3,750
	<b>Flex K./Activity Center</b> Center Toilet	1,250
	<b>K. Support</b> (2) Workrooms Outdoor Storage	500
	<b>K. Shade Structure</b> (1/3 actual SF)	400

**KEY PLAN**



**PROGRAM ELEMENTS**

**SQ. FT.**

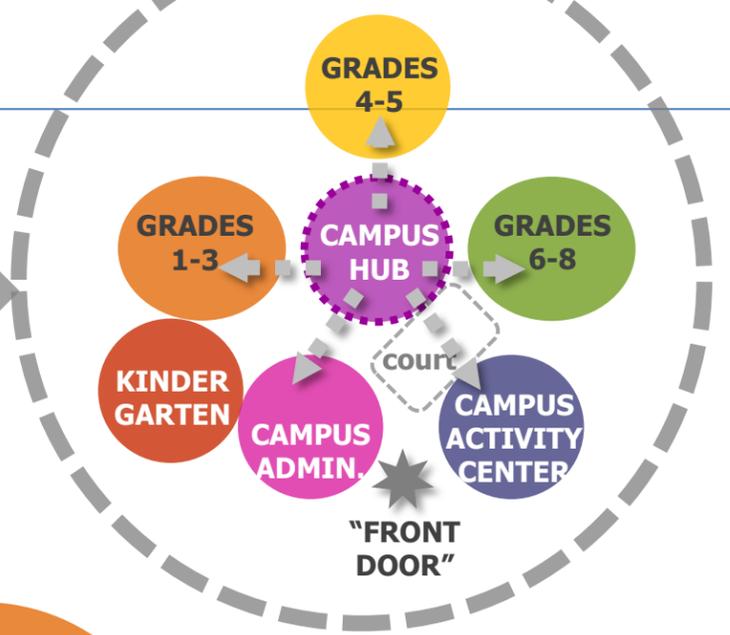


**1-3 Grade Village**  
 (9) Classrooms  
 Shared Commons  
 Staff Workroom/ Storage  
 Toilet  
**(1) RSP Room**

10,755

480

**KEY PLAN**



**1<sup>st</sup> GRADE**  
960 SF

**1<sup>st</sup> GRADE**  
960 SF

**1<sup>st</sup> GRADE**  
960 SF



**2<sup>nd</sup> GRADE**  
960 SF

**SHARED COMMONS**  
1,750 SF

**3<sup>rd</sup> GRADE**  
960 SF

**K-5 SP. ED RSP**  
480SF

**2<sup>nd</sup> GRADE**  
960 SF

**2<sup>nd</sup> GRADE**  
960 SF

**T.**  
65SF

**Staff Work. Conf.**  
200SF

**Stor.**  
100SF

**3<sup>rd</sup> GRADE**  
960 SF

**3<sup>rd</sup> GRADE**  
960 SF

**PROGRAM ELEMENTS**

**SQ. FT.**

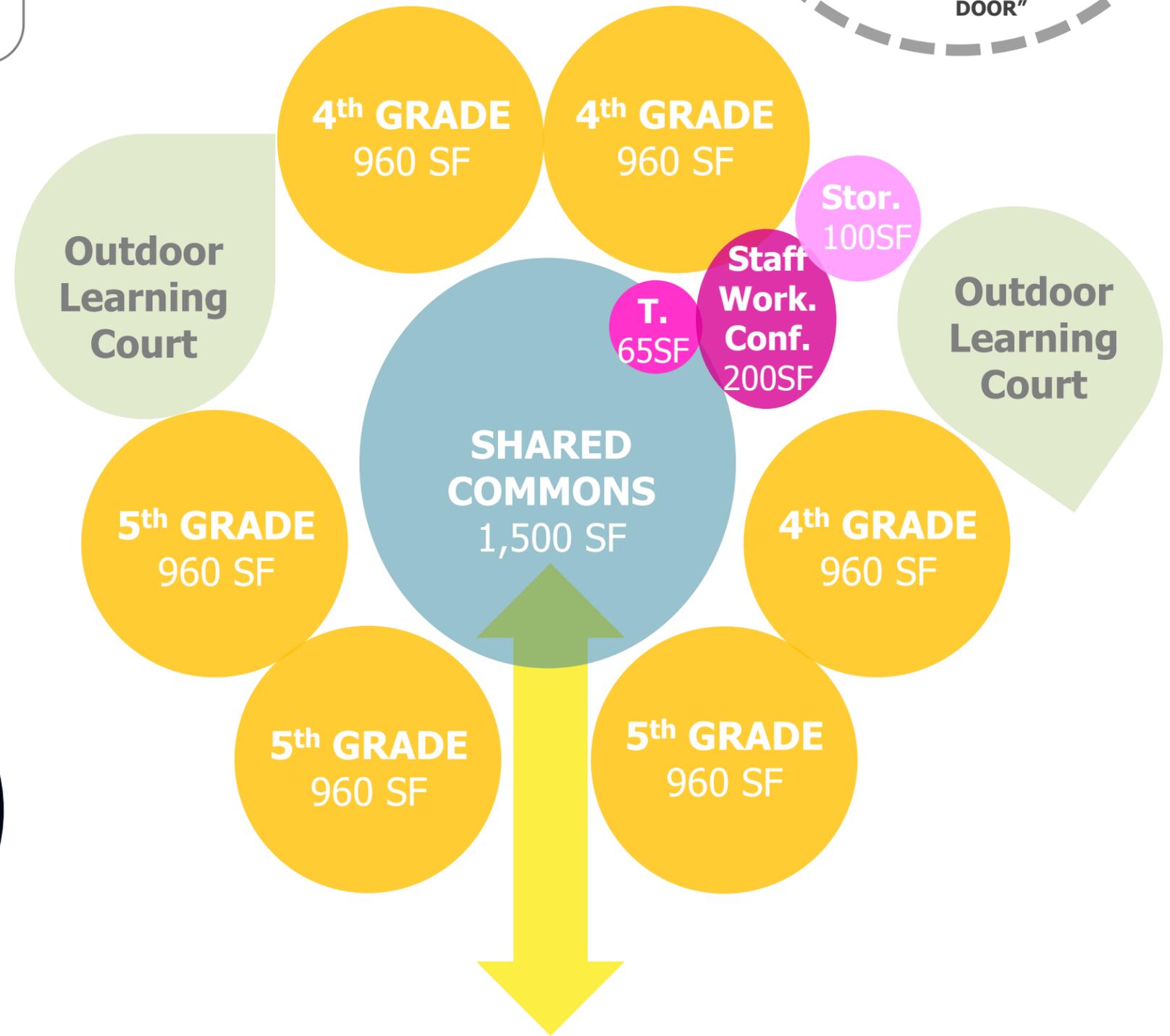
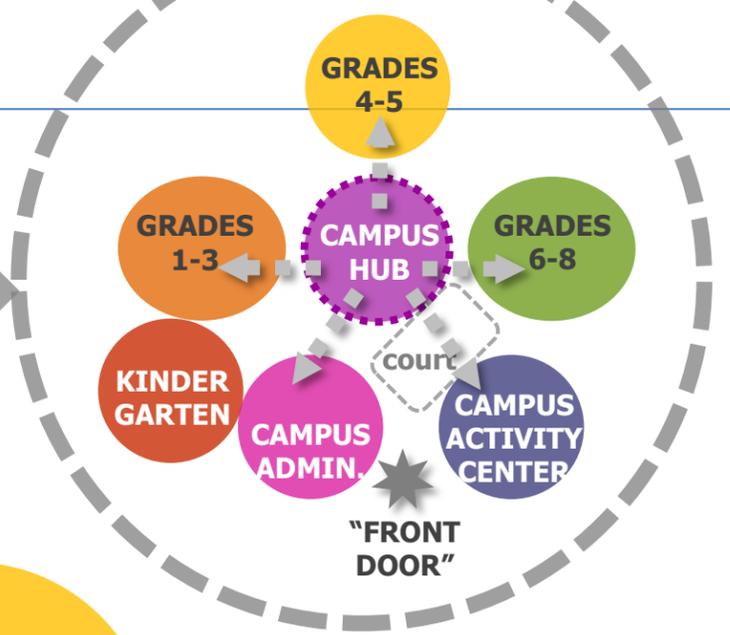


**4-5 Grade Village**  
 (6) Classrooms  
 Shared Commons  
 Staff Workroom/ Storage  
 Toilet

7,625



**KEY PLAN**



**PROGRAM ELEMENTS**

**SQ. FT.**



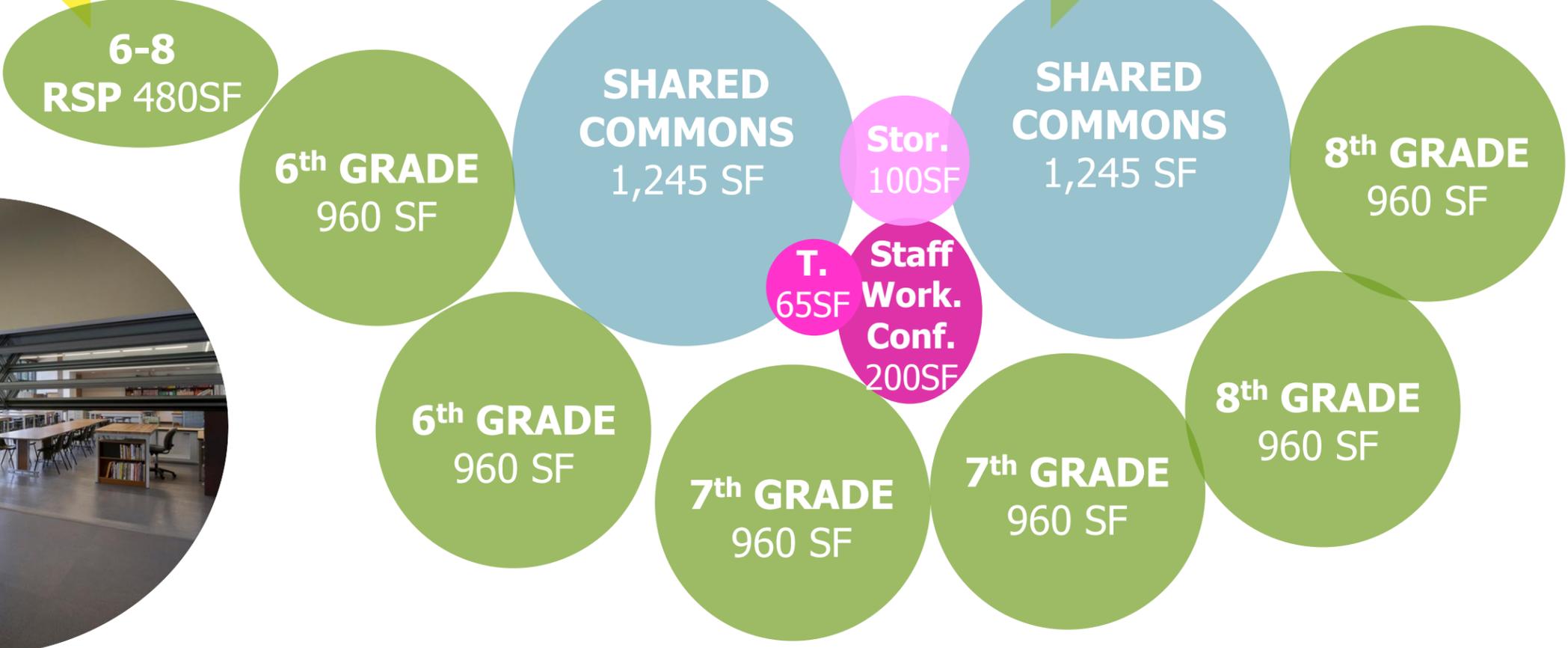
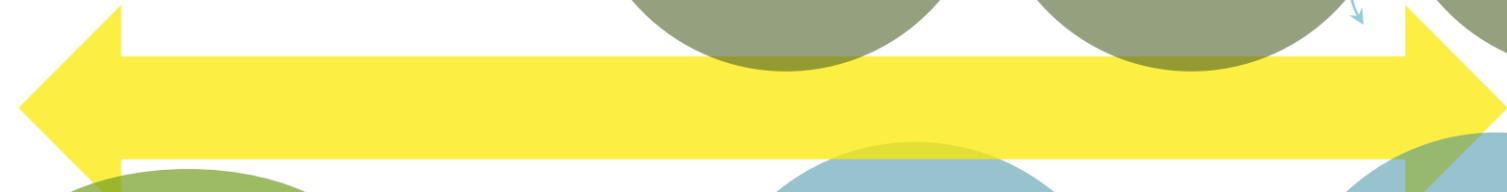
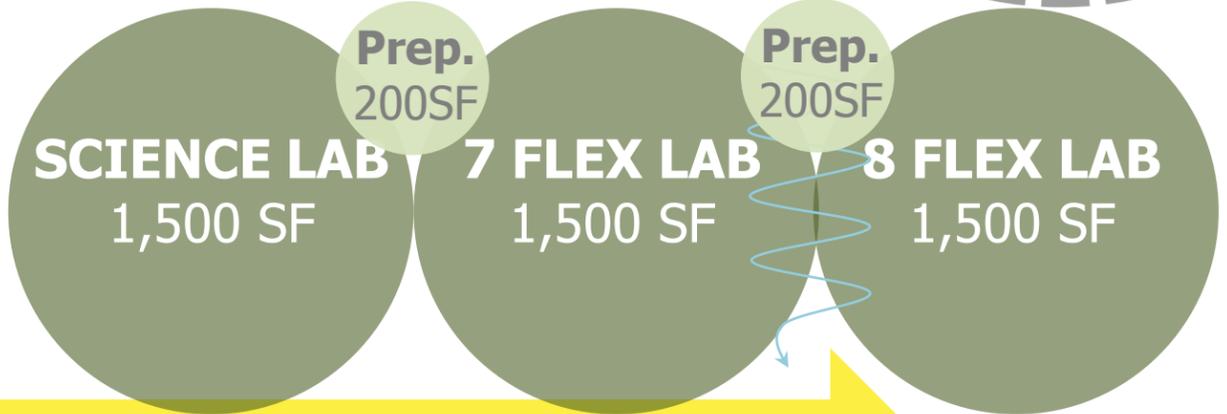
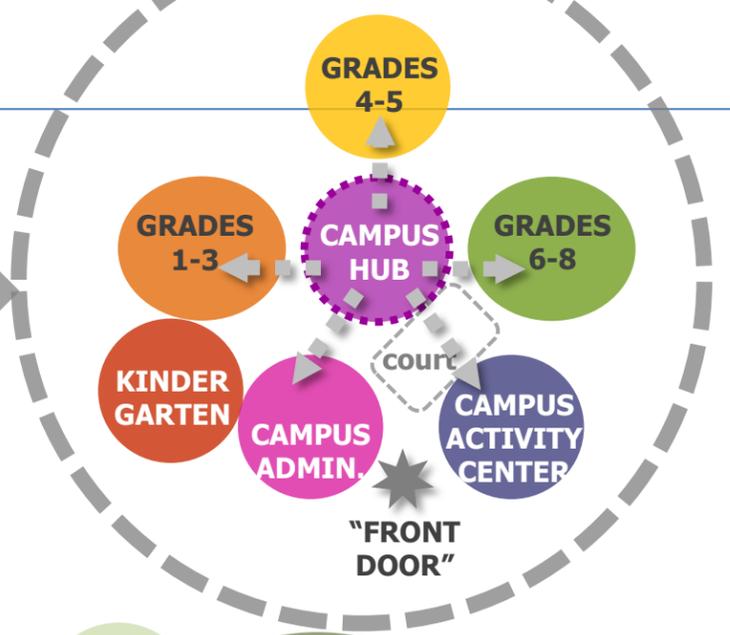
- 6-8 Grade Village**  
 (6) Classrooms  
 (2) Shared Commons  
 Staff Workroom/ Storage  
 Toilet
- (1) RSP Room**  
**Specialty Labs**  
 (3) Science/Flex Labs  
 (2) Prep/ Workrooms

8,615

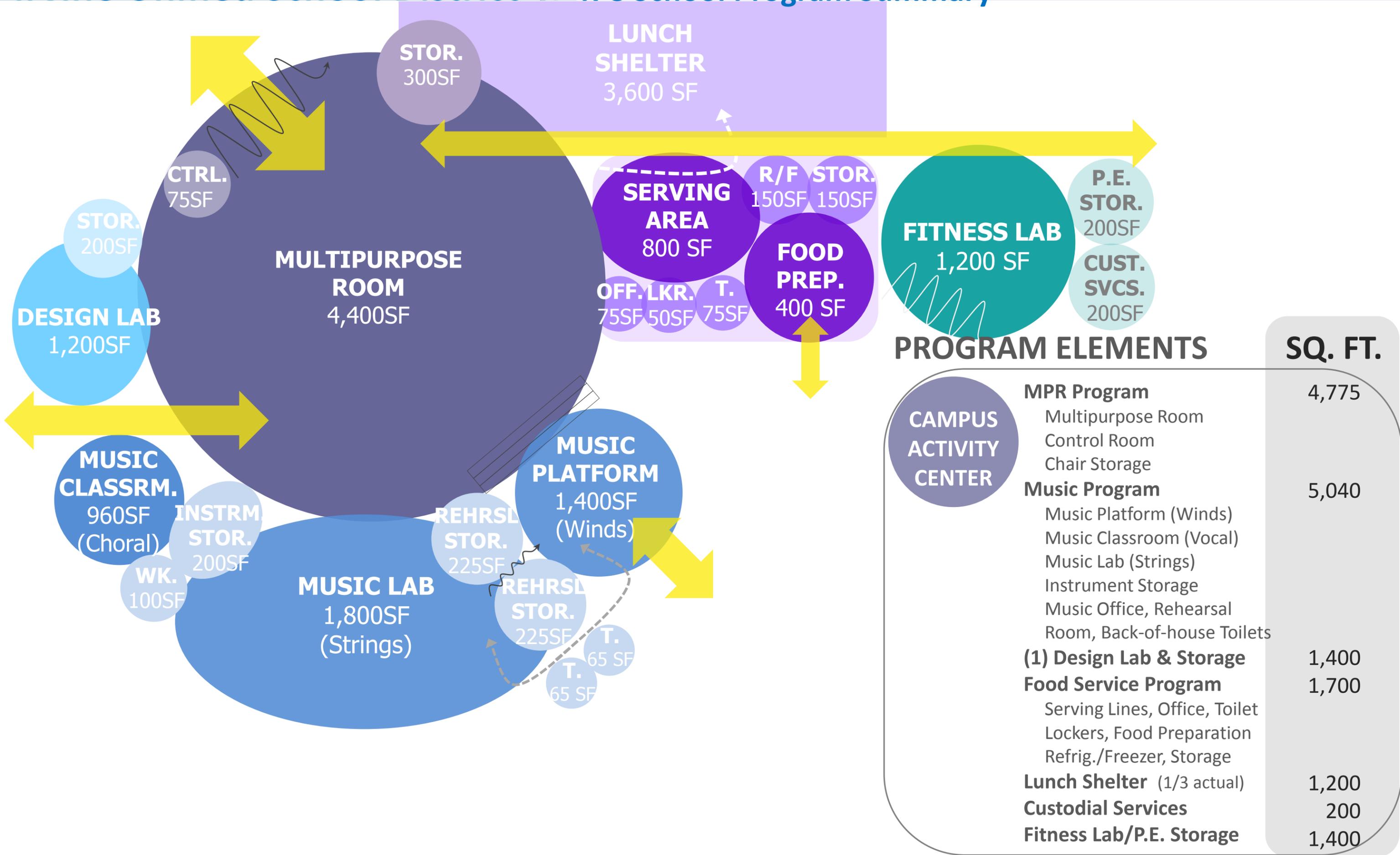
480

4,900

**KEY PLAN**







PROGRAM ELEMENTS		SQ. FT.
CAMPUS ACTIVITY CENTER	<b>MPR Program</b>	4,775
	Multipurpose Room	
	Control Room	
CAMPUS ACTIVITY CENTER	<b>Music Program</b>	5,040
	Music Platform (Winds)	
	Music Classroom (Vocal)	
	Music Lab (Strings)	
	Instrument Storage	
CAMPUS ACTIVITY CENTER	<b>(1) Design Lab &amp; Storage</b>	1,400
	<b>Food Service Program</b>	1,700
	Serving Lines, Office, Toilet	
CAMPUS ACTIVITY CENTER	Lockers, Food Preparation	
	Refrig./Freezer, Storage	
	<b>Lunch Shelter (1/3 actual)</b>	1,200
CAMPUS ACTIVITY CENTER	<b>Custodial Services</b>	200
	<b>Fitness Lab/P.E. Storage</b>	1,400

# Irvine Unified School District K-8 School Program Summary



Design Lab

Fitness & Health



Outdoor Learning Spaces

Multi-Purpose Room



Library/ Media

Innovation Lab

# Educational Specifications:

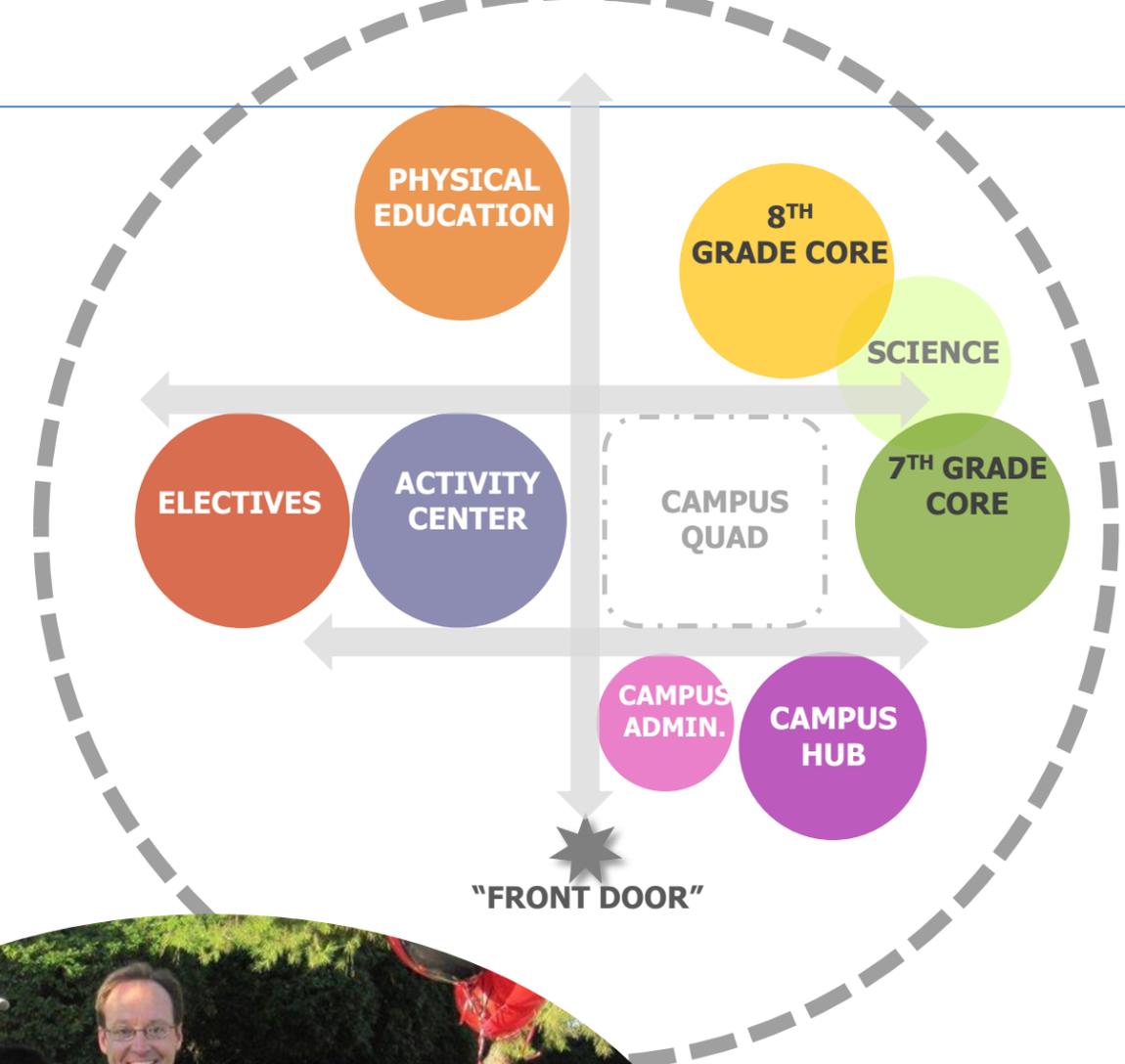
# Middle School



# MS School Program Summary

900 Student School

	Teaching Stations
<b>7<sup>th</sup>/8<sup>th</sup> Grade Academic Classrooms</b>	<b>20</b>
<b>Science Labs</b>	<b>6</b>
<b>Art Lab</b>	<b>1</b>
<b>Innovation Lab</b> (adjacent to Media Center)	<b>1</b>
<b>Special Ed M/S Classroom</b>	<b>1</b>
<b>Special Ed/RSP</b> (480 SF ea.)	<b>2</b>
<b>Music</b> (Band/Orchestra, Choral, Drama at platform)	<b>3</b>
<b>Design Lab</b>	<b>1</b>
<b>MS PE &amp; Fitness Labs</b>	<b>2</b>
	<b>37</b>



## Recommended New Program Elements

CAMPUS ADMIN	Parent/Conference Center	400 SF
	Library/Tech Support	450 SF
CAMPUS HUB	Learning Center/Living Skills	700 SF
	* Design Lab/PBL Room	3,250 SF
ELECTIVES	Music Rehearsal & Workroom	550 SF

## Underlying Principles



**6** We Will Celebrate The Uniqueness of Irvine's Communities...

- designing schools and programs that are integral to the community
- encourage parental, student, and community engagement



**1** We Will Respond to the Needs of Each Student...

- support the different developmental, social, emotional, and intellectual needs



**2** We Will Empower Students to Succeed...

- providing relevant and flexible learning spaces that connect students and staff to a rapidly changing world – PBL*



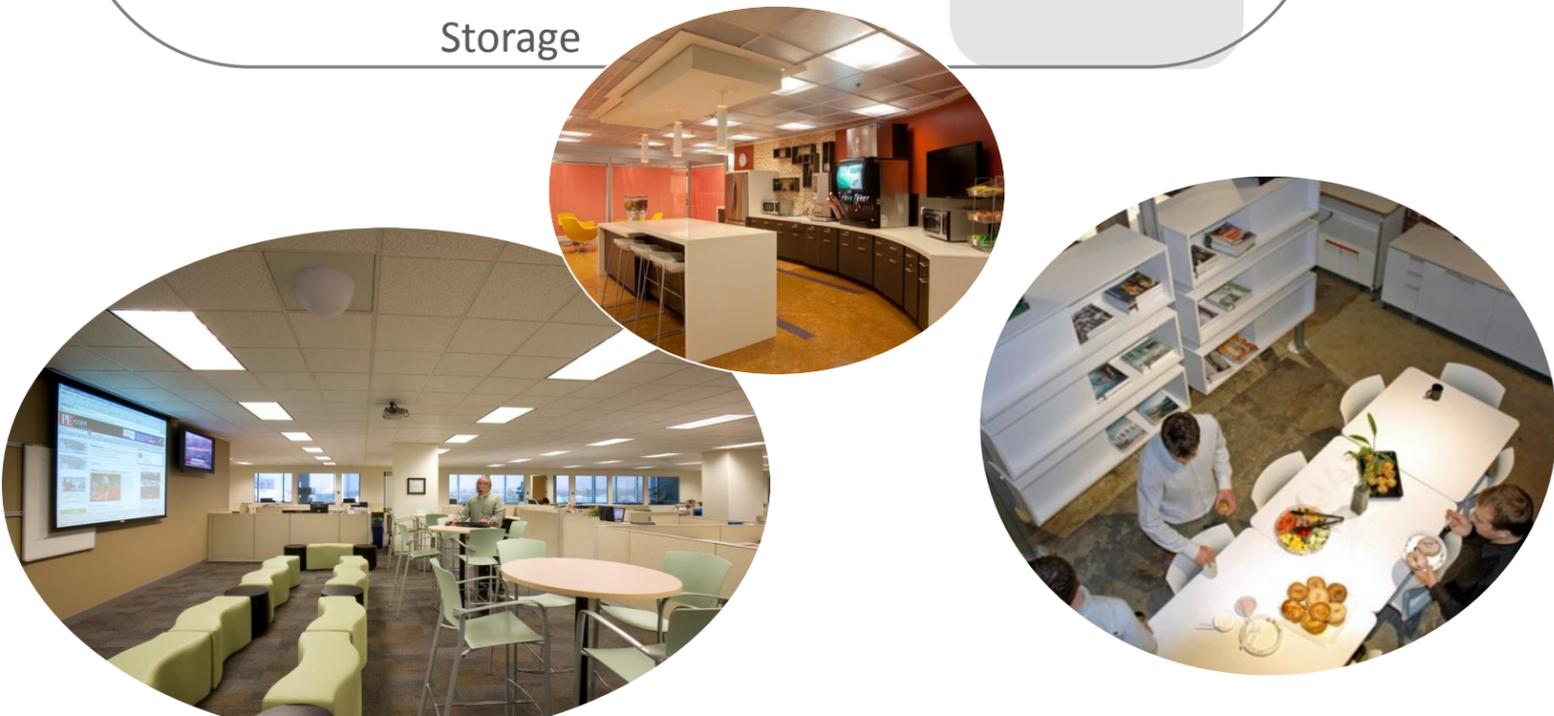
**5** We Will Establish The Highest Quality Programs...

- maximize learning opportunities and foster the joy of learning
- enhance the highest quality educational experience

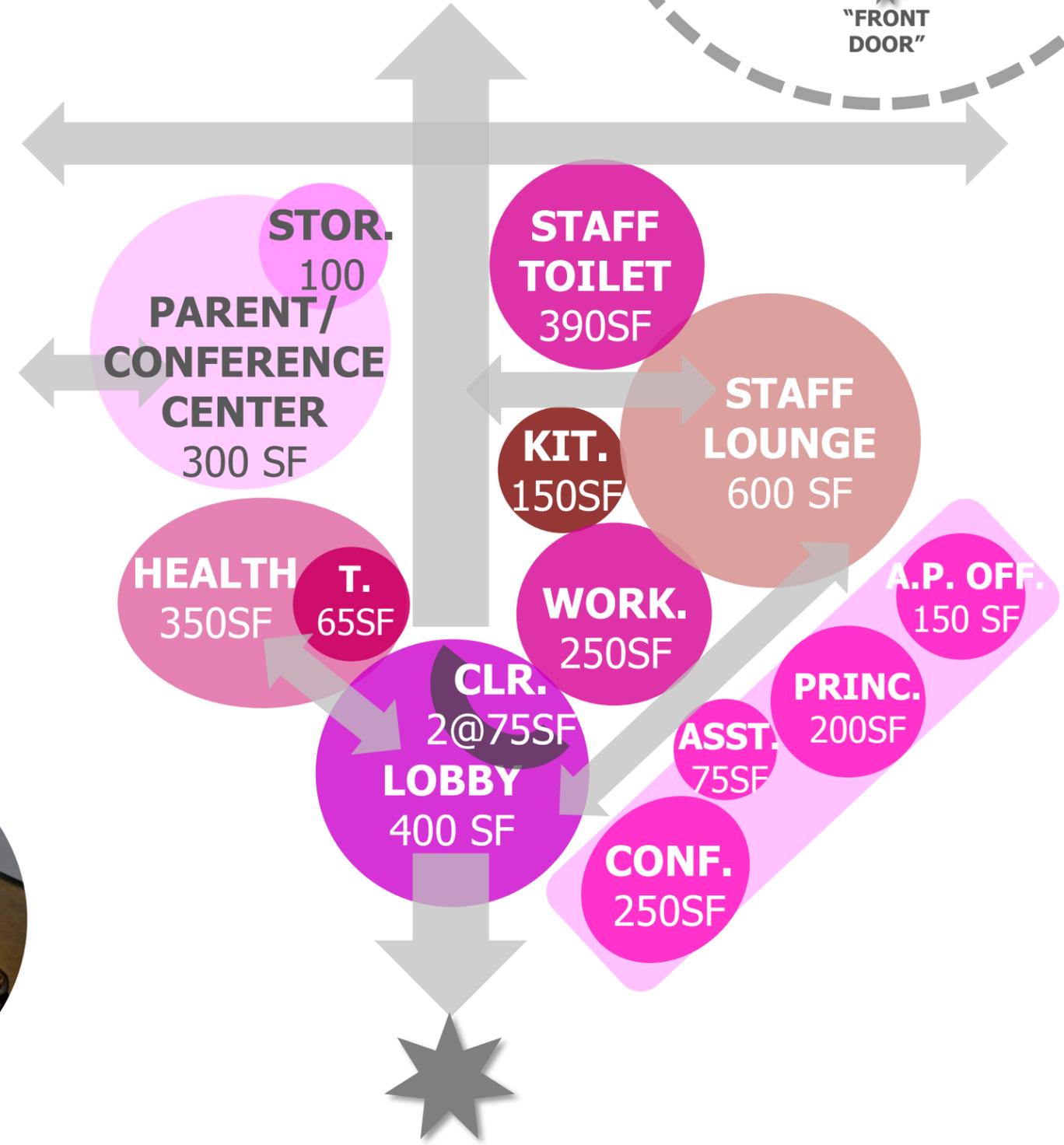
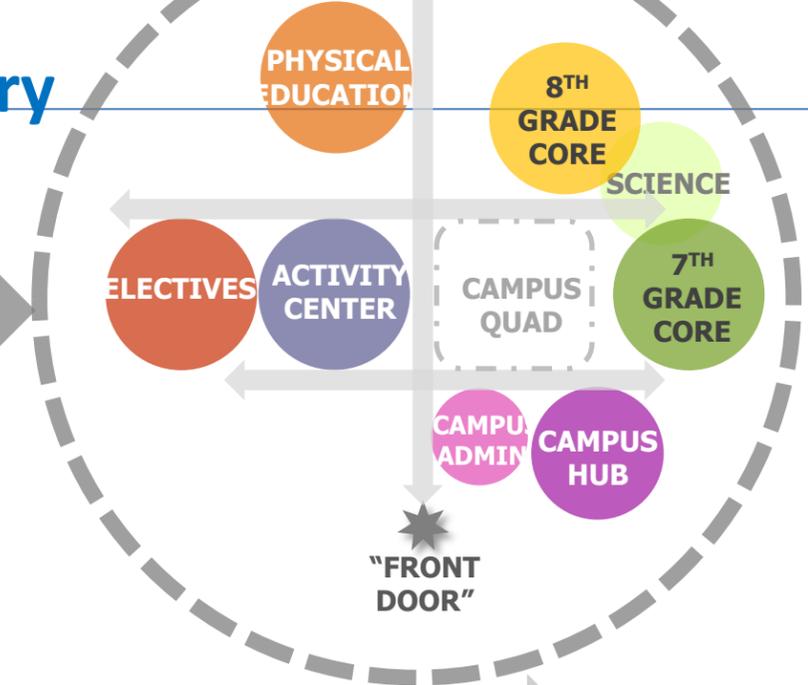
## PROGRAM ELEMENTS

## SQ. FT.

<b>CAMPUS ADMIN</b>	<b>Main Office/Lobby</b>	1,225
	Principal Office	
	Principal's Assistant	
	Assistant Principal Office	
	Conference Room	
	Reception	
	Lobby	
	<b>Staff Support</b>	1,390
	Staff Lounge	
	Kitchenette	
	Workroom	
	Staff Restrooms	
	<b>Health Office</b>	415
	Cot Room	
	Toilet	
<b>Parent/Conference Ctr.</b>	400	
Center		
Storage		



## KEY PLAN



## PROGRAM ELEMENTS

## SQ. FT.



- Library/Media Program**  
Library/Media Center  
Stacks, Circulation Desk  
Story Telling, Workroom  
Processing/ Workroom  
Storage, Textbook Room  
Small Break-out Room
- Innovation Program**  
Lab
- Student Support Services**  
Speech Office, Psychologist  
Office, Counselor Office  
EL Support Office, Learning  
Center, Living Skills

3,250

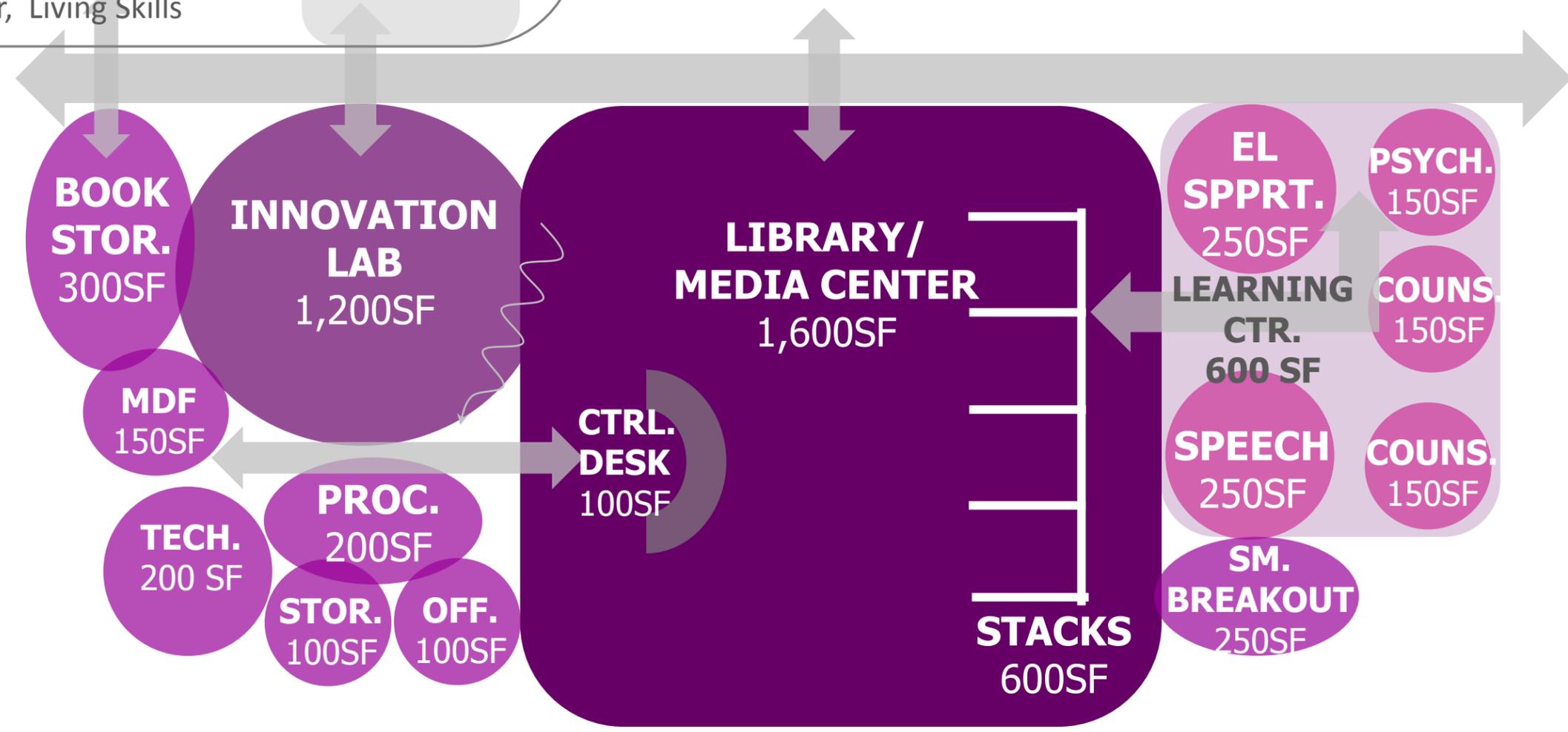
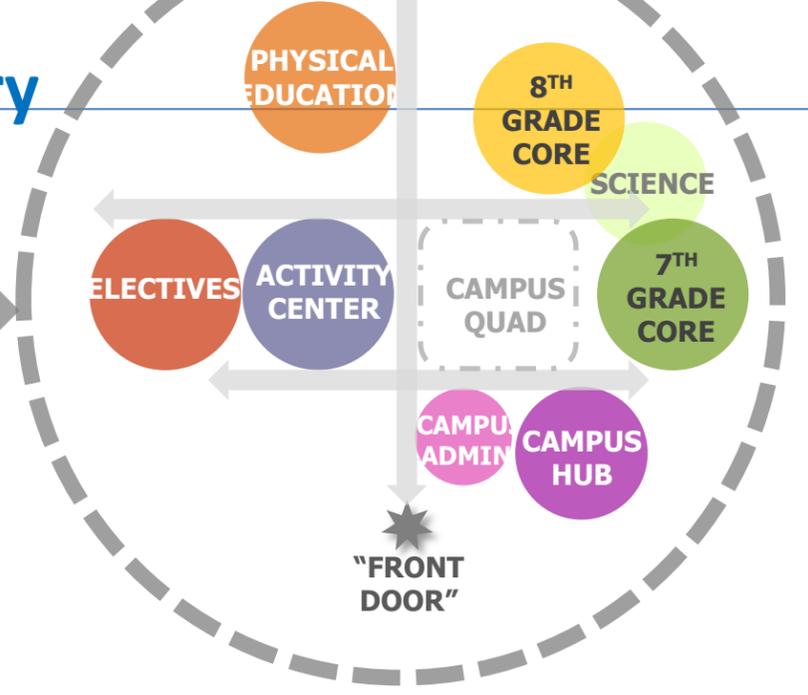
1,200

1,550

- Tech. Support**  
Tech. Office/Workroom,  
Main Distribution Frame

350

### KEY PLAN



# Irvine Unified School District Middle School Program Summary



Library/ Media Center



Video/ Tech



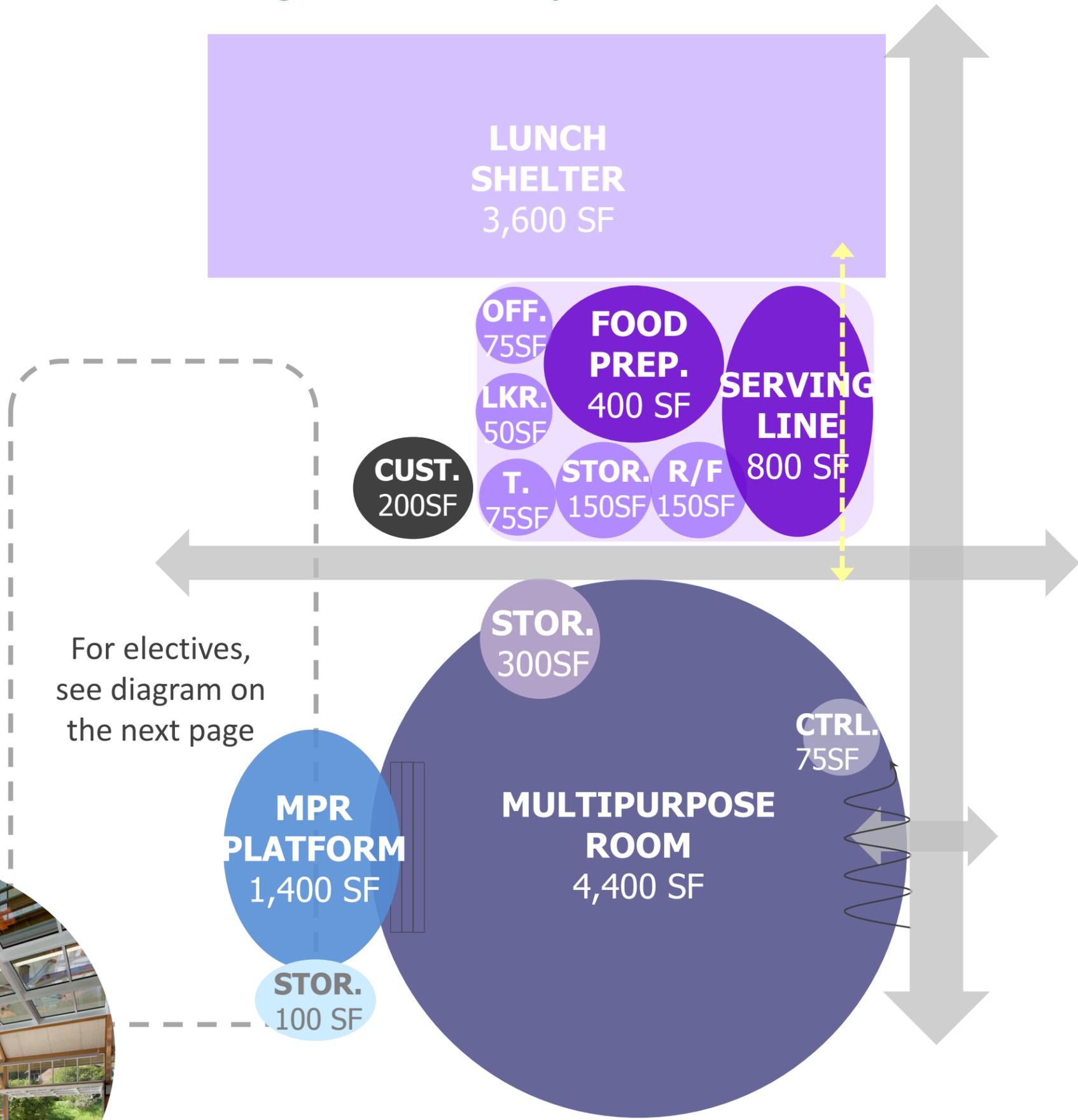
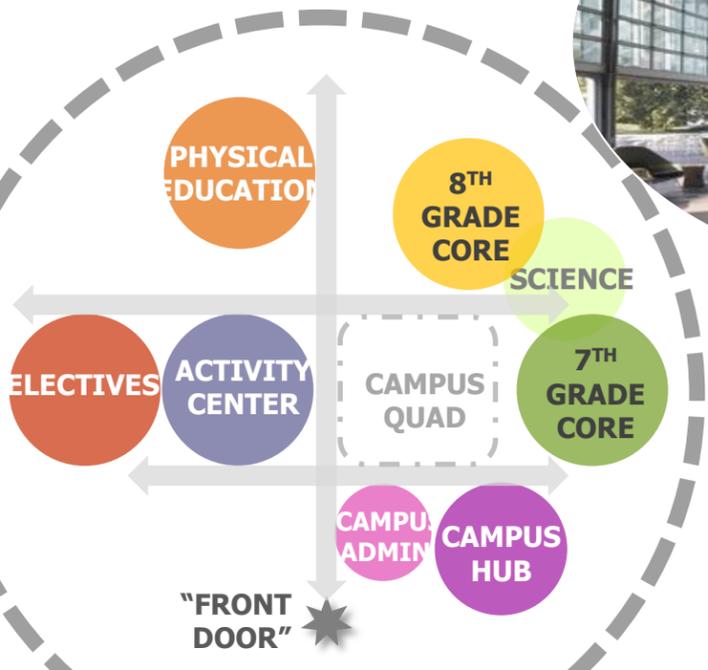
Innovation Lab



**PROGRAM ELEMENTS**

**SQ. FT.**

<b>CAMPUS ACTIVITY CENTER</b>	<b>MPR Program</b>	6,275
	Multipurpose Room MPR Platform, Storage Control Room Chair Storage	
	<b>Food Service Program</b>	1,700
	Serving Lines Office, Toilet, Lockers Food Preparation Refrigerator/Freezer Storage	
	<b>Lunch Shelter</b>	1,200
	(1/3 actual SF)	
	<b>Custodial Services</b>	200



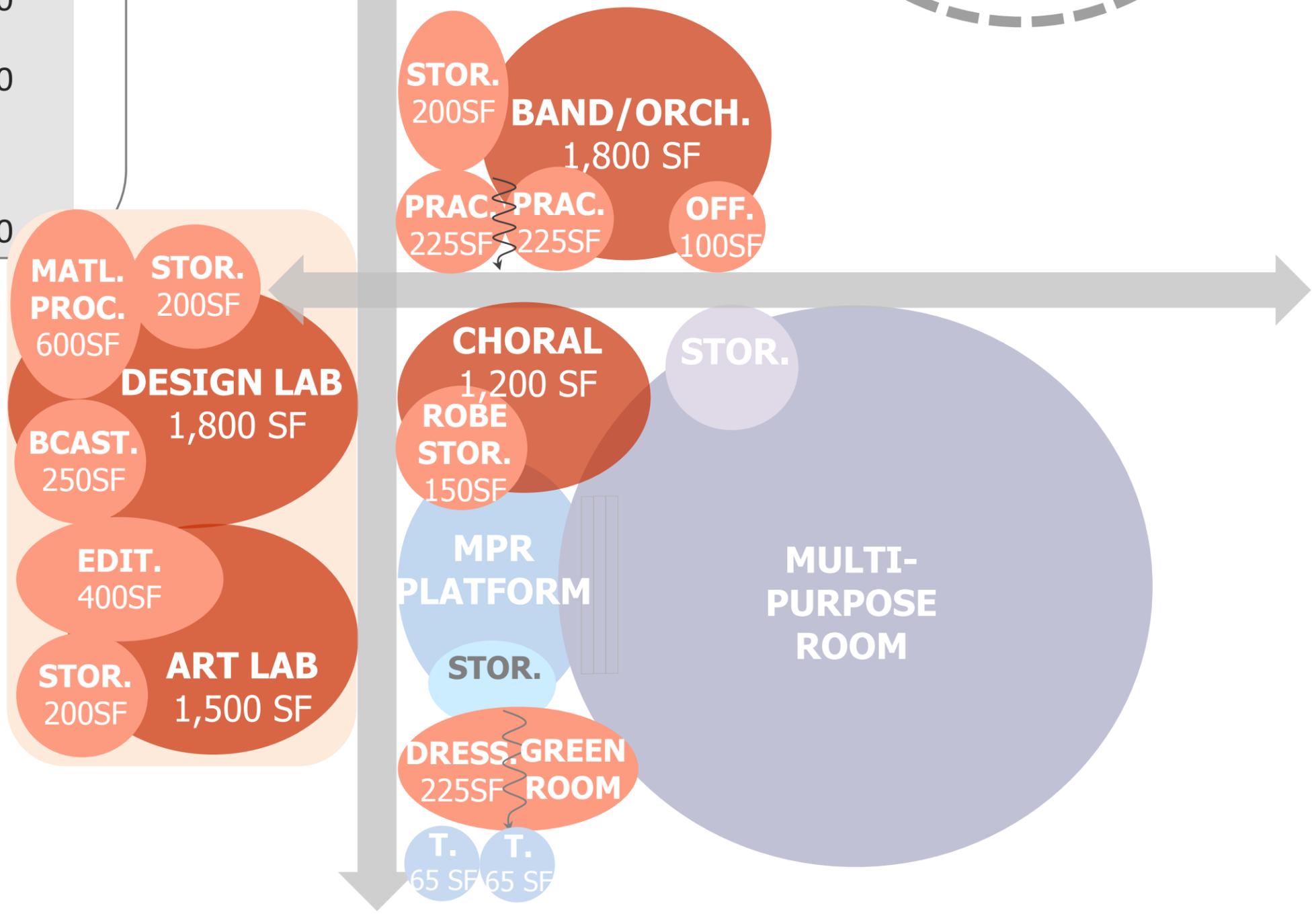
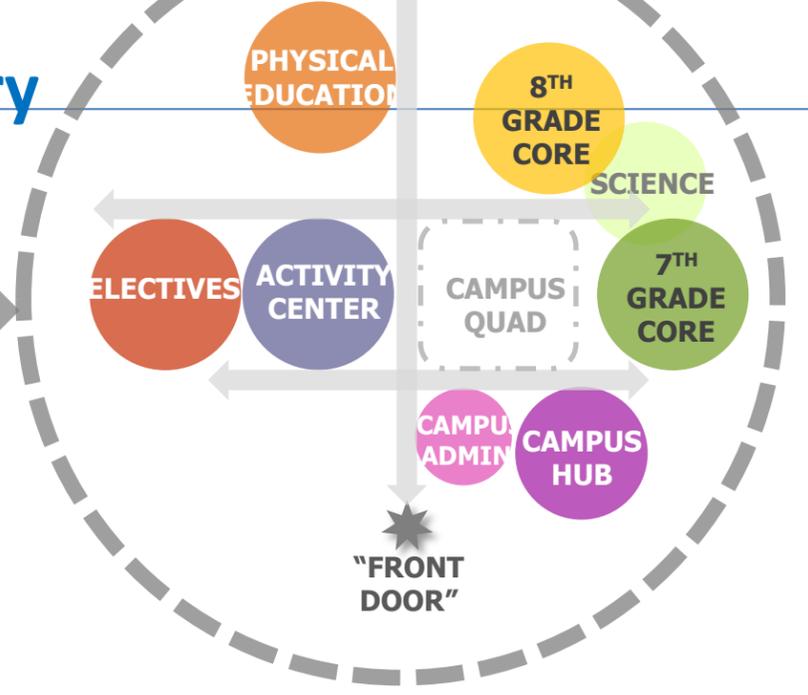
## PROGRAM ELEMENTS

## SQ. FT.



<b>Art Program</b> Lab, Storage	1,700
<b>Band/Orchestra Program</b> Classroom (2) Practice Rooms Storage, Music Office	2,550
<b>Choral Program</b> Classroom, Robe Storage	1,350
<b>Design Lab Program</b> Classroom, Storage Broadcast Room, Editing Material Processing	3,250
<b>Dressing/Green Room</b>	580

### KEY PLAN



## PROGRAM ELEMENTS

**SQ. FT.**

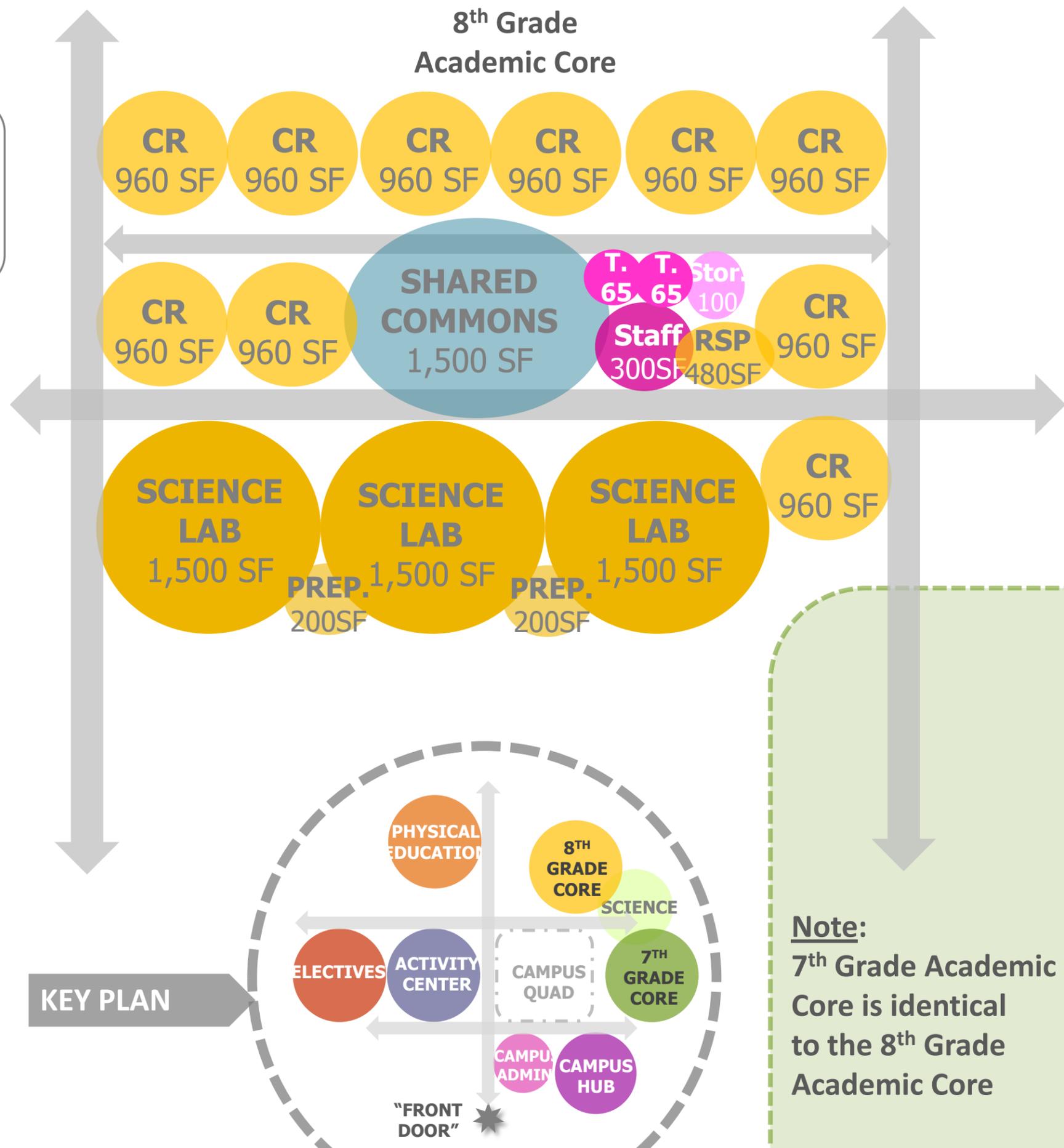
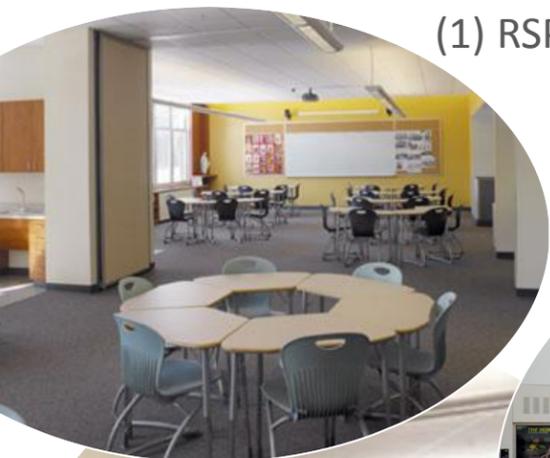
**CLASSRM.  
VILLAGES**

7<sup>th</sup> Gr. Academic Core  
8<sup>th</sup> Gr. Academic Core

17,010  
17,010

Each Core Includes:

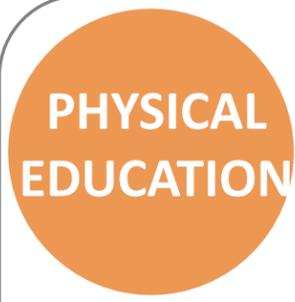
- (3) Language Arts
- (3) Math
- (3) Social Sciences
- (1) Foreign Language
- (3) Science Labs
- (2) Prep. Rooms
- Shared Commons
- Staff Workrm., Storage, Toilet
- (1) RSP Room



**Note:**  
7<sup>th</sup> Grade Academic Core is identical to the 8<sup>th</sup> Grade Academic Core

## PROGRAM ELEMENTS

## SQ. FT.

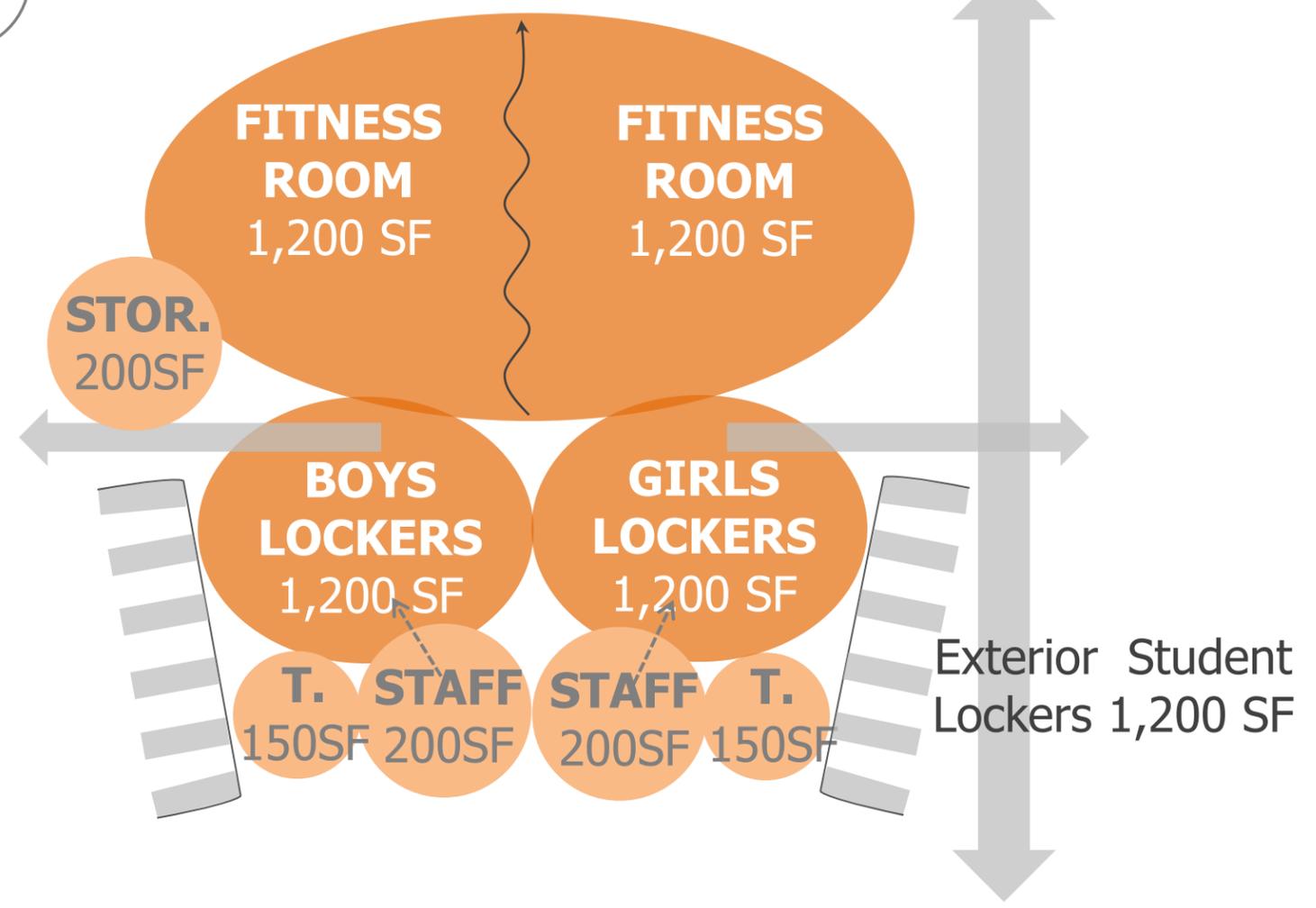
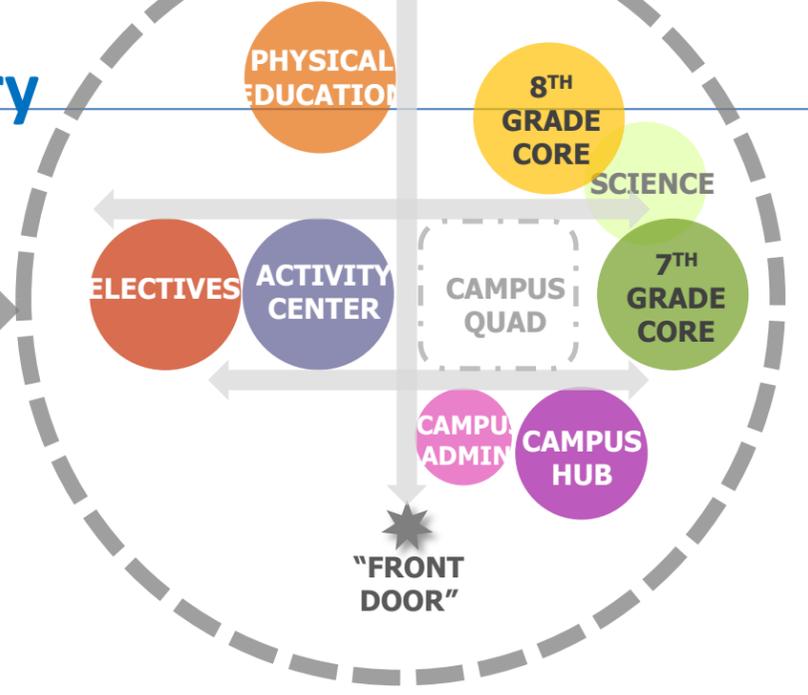


- (2) Fitness Rooms**  
(or Field House, if existing)
- P.E. Storage**
- Boys & Girls Lockers**
- Staff Support**
- Exterior Lockers**  
(1/3 of actual)

- 2,400
- 200
- 2,400
- 700
- 400



### KEY PLAN



- Board Adopts K8, ES and MS Educational Specifications
- Develop High School Ed. Specs.
- Follow-up meetings with School Site committees November to mid-December



# Next Steps