call to order
Welcome!

1

SCHOOL DISTRICT OF
FORT·ATKINSON

AGENDA
Tuesday, November 19, 2019

Meeting 3 (November 19, 2019): Educational Space Analysis & Collaborative Learning Spaces

1. Call to Order – Co-Chairs
   a. Review of Agenda and Upcoming Meetings
   b. Questions from Previous Meeting

2. Existing Space Utilization – PRA

3. Curriculum Development & Special Education Facility Needs – FASD

4. Collaborative Learning Spaces & Flexible Furniture – PRA / FASD

5. Tour High School – ALL

NEXT MEETING: December 17, 2019 @ Barrie Elementary

existing space
utilization

2

SCHOOL DISTRICT OF
FORT·ATKINSON

Educational Capacity

Determined by several factors

- Student to teacher ratio

- National operational efficiency rates

- Number of learning spaces available

Student Ratio

- PK / 4K   18:1

- K – 2nd   24:1

- 3rd – 5th   26:1

- 6th – 8th   30:1

- 9th – 12th   30:1

Facilities Advisory Committee

Barrie Elementary

SECOND FLOOR
1/32" = 1'-0"

- LEARNING SPACE 1ST 207
- GIRLS TLT
- READ INTER 213
- BOYS TLT
- LEARNING SPACE 2ND 208
- LEARNING SPACE 2ND 209
- ELEV
- LEARNING SPACE 1ST 210

FIRST FLOOR
1/32" = 1'-0"

- GYMNASIUM 128
- BOYS LOCKER 140
- J
- TLT
- STOR
- PLATFORM 146
- MULTI-PURPOSE 145
- OFF 134
- STOR
- GIRLS LOCKER 129
- J
- TLT
- J
- GIRLS TLT
- BOYS TLT
- KITCHEN 148
- RECEIVING 149
- MECH 150
- STOR
- STOR 178A
- COATS 178
- KINDERGARTEN 177
- LEARNING SPACE 5TH 126
- ELL & OT/PT 119B
- BOOK & AIDES 119A
- COMP LAB 118
- GUIDANCE 117
- IMC WORK 116A
- OFF 116B
- READ INTER 153
- WORK
- S
- PRINC 152
- BOYS TLT
- SPECIAL ED 164
- LEARNING SPACE 5TH 125
- READ 114A
- OFF 115
- WORK 106
- TLT
- STOR
- TEACHER LOUNGE 171
- GIRLS TLT
- LEARNING SPACE 4TH 124
- IMC 114
- ADMIN 103
- SPECIAL ED 162
- LEARNING SPACE 4TH 113
- WAIT 102
- COTS 105
- S T
- ELEV
- MATH INTER 111
- LEARNING SPACE 3RD 110
- LEARNING SPACE 3RD 109
- KINDERGARTEN 156

LOWER LEVEL
1/32" = 1'-0"

- CRAWL SPACE
- STOR
- CUSTODIAN
- TLT
- MUSIC B107
- STOR
- BAND B103
- MECH
- MECH
- ELEV
- ART B104
- STOR
- STOR

PRA Color Legend
- Circulation
- General Classrooms
- Gymnasium, Pool, Fitness
- Library/Success Center
- Offices
- Service/Public Toilets
- Special Education
- Student Commons/Cafeteria

Facilities Advisory Committee

Barrie Elementary

Barrie Elementary School Enrollment History
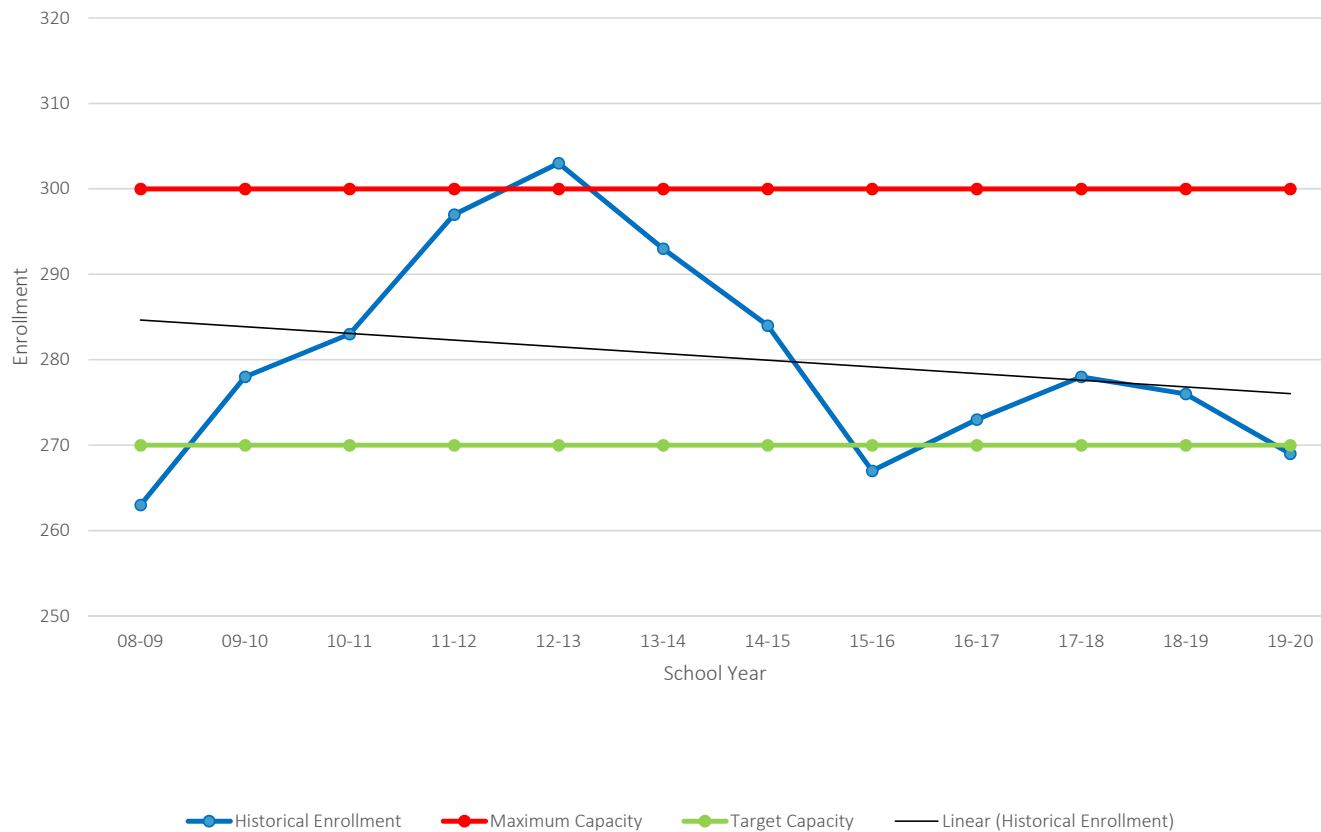
- Max Capacity ~ 300
- Target Capacity ~ 270
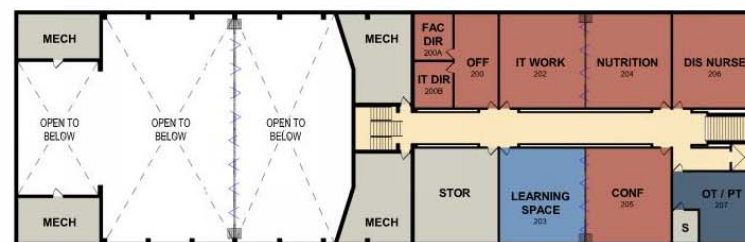- 19/20 Enrollment = 269
- 2 Section School

Facilities Advisory Committee

Luther Elementary

FIRST FLOOR
1" = 40'-0"

SECOND FLOOR
1" = 40'-0"

PRA Color Legend

- Circulation
- Daycare
- General Classrooms
- Gymnasium, Pool, Fitness
- Library/Success Center
- Offices
- Service/Public Toilets
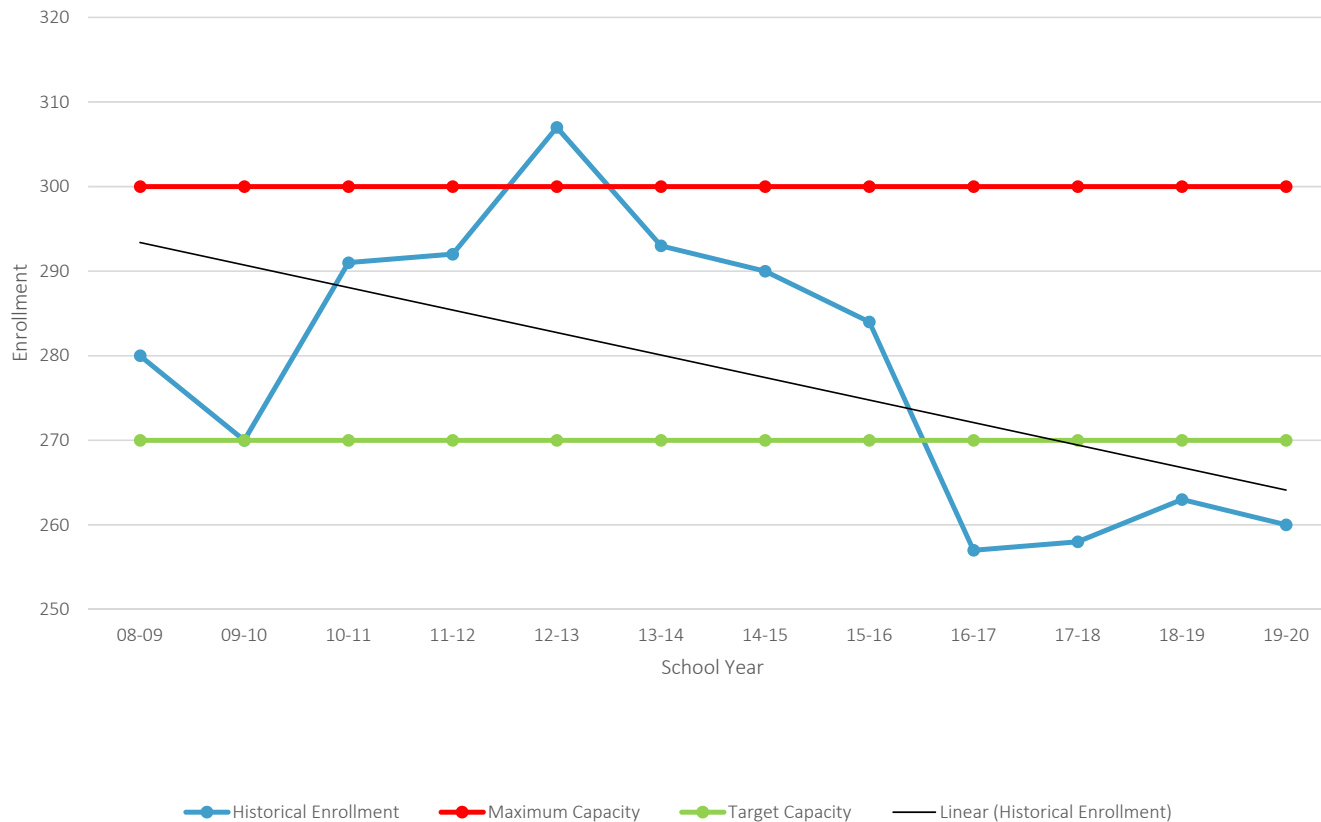- Special Education
- Specials

Facilities Advisory Committee

Luther Elementary

Luther Elementary School Enrollment History

- Max Capacity ~ 300
- Target Capacity ~ 270
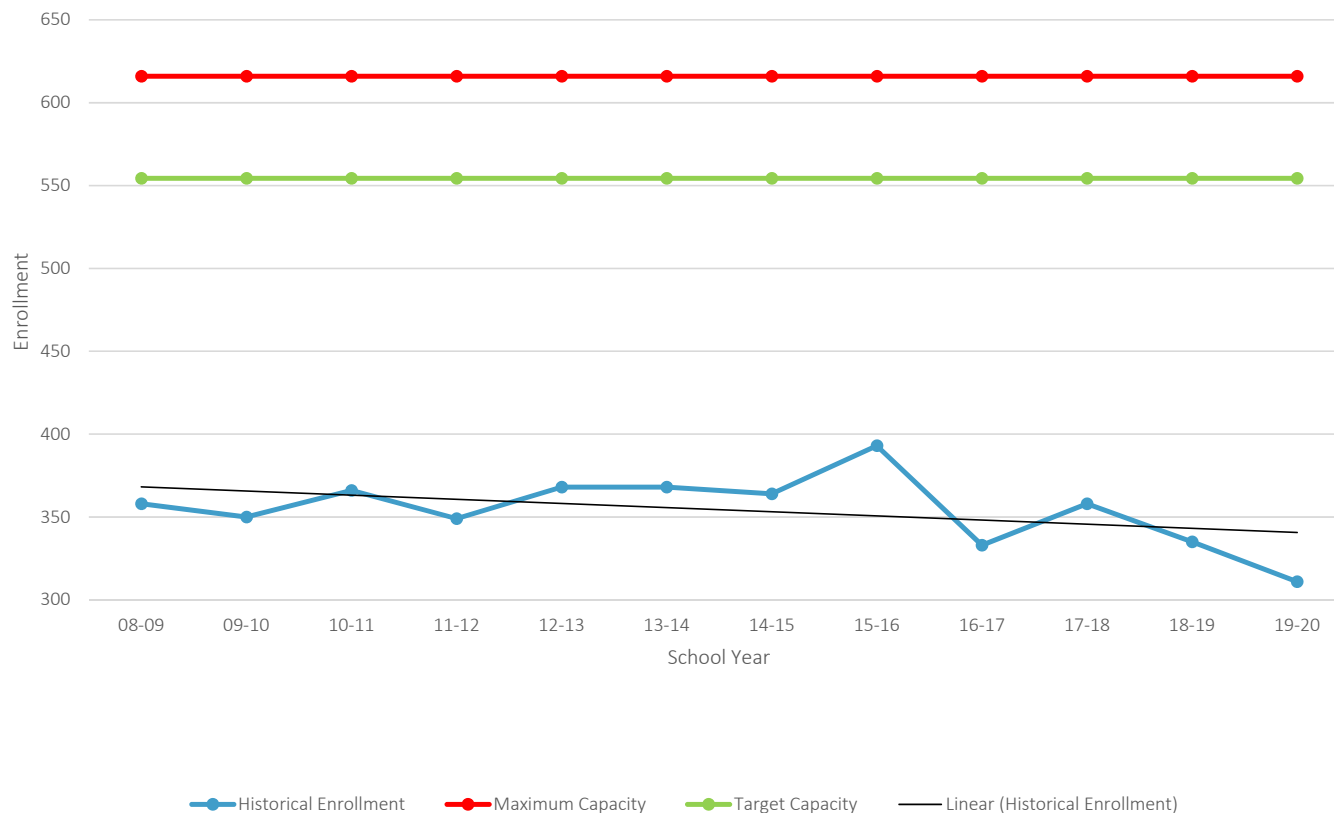- 19/20 Enrollment = 260
- 2 Section School

Facilities Advisory Committee

Purdy Elementary

FIRST FLOOR
1" = 40'-0"

EARLY CHILDHOOD 104
STOR
T
T

EARLY CHILDHOOD 103
S
TLT
STOR

ART 105
KINDERGARTEN 109
EBD 111

SPECIAL EDUCATION 119
LEARNING SPACE 1ST 121
LEARNING SPACE 1ST 123
LEARNING SPACE 2ND 125
LEARNING SPACE 2ND 127

GIRLS TLT
S
JAN
BOYS TLT
PR
PR
STOR

HEADSTART / 4K 106
KINDERGARTEN 108
SENSORY / BREAK 112

SPECIAL EDUCATION 120
READING INTER 122
T   JAN
IMC STOR
READING INTER / CONF / PROF LEARNING / BOOK 130
LEARNING SPACE 3RD 129

MULTI-PURPOSE 101

SPEECH 102

KITCHEN

LEARNING SPACE 4K 114

INTER 118
IMC 113
READING INTER / AIDES 132
LEARNING SPACE 3RD 131

STOR   S
PLATFORM 101A
BOILER

OT / PT 116

LEARNING SPACE 4TH / OPEN 134
LEARNING SPACE 4TH 133

OFF 178
CONF 173

PRINC 172B
NURSE 172C
WORK 160B
BAND 158
PSYCH 156
SPEECH 152
TEACHER LOUNGE 148
BOYS TLT
GIRLS TLT

COMP LAB 138
4TH & 5TH SCIENCE 136
LEARNING SPACE 4TH 135

WAIT 172A
OFF 172
COTS 160
T
OFF 154
COUNSEL 150
T   T

BOILER
SERVICES
RECEIVING
S

BOYS LOCKER 155
STOR
OFF 153A
T
GIRLS LOCKER 151

MUSIC 149
WORK 147

LEARNING SPACE 5TH 145
LEARNING SPACE 5TH 143
LEARNING SPACE 5TH 141
MATH INTER 139
ELL 137

GYMNASIUM 157

PRA Color Legend

Circulation	Library/Success Center	Special Education
General Classrooms	Offices	Specials
Gymnasium, Pool, Fitness	Service/Public Toilets	Student Commons/Cafeteria

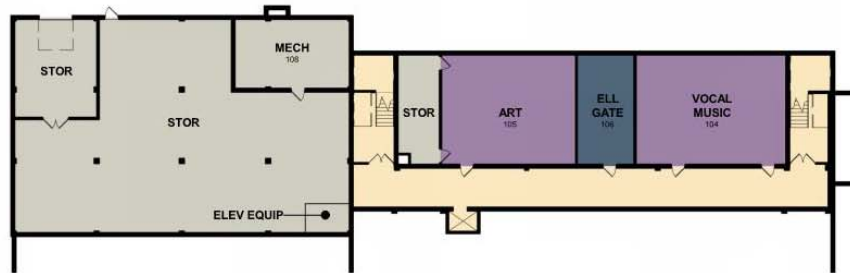Facilities Advisory Committee

Purdy Elementary

Purdy Elementary School Enrollment History

- Max Capacity ~ 616
- Target Capacity ~ 554
- 19/20 Enrollment = 311
- 2 Section School
- Multiple potential classrooms

Rockwell Elementary

LOWER LEVEL
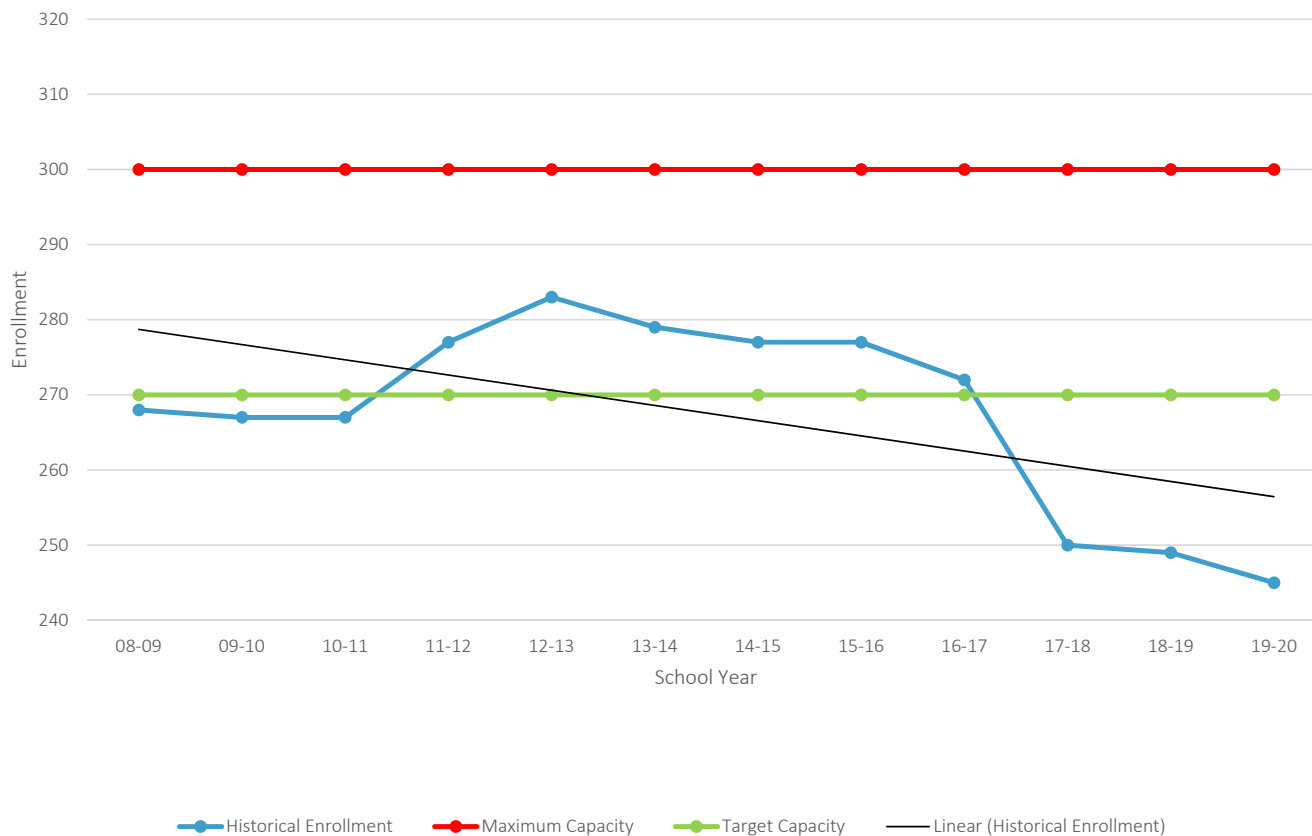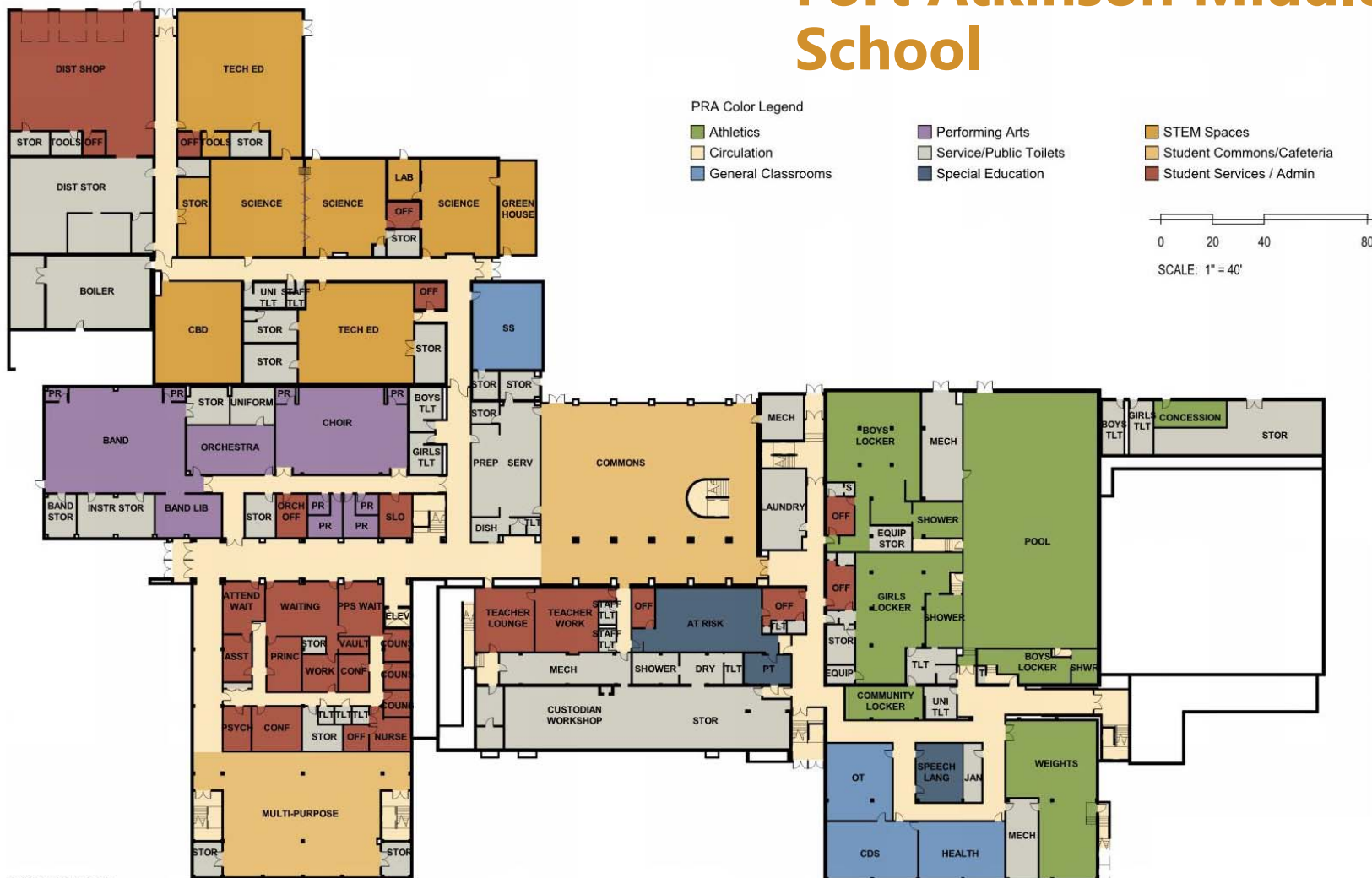1/32" = 1'-0"

FIRST FLOOR
1/32" = 1'-0"

LOWER LEVEL

STOR
MECH 108
STOR
STOR
ART 105
ELL GATE 106
VOCAL MUSIC 104
ELEV EQUIP

FIRST FLOOR

GYMNASIUM 220
SPECIAL ED 206
LEARNING SPACE 5TH 205
LEARNING SPACE 5TH 204
STORAGE 227
PLATFORM 238
STOR
OT/PT 208
KITCHEN 228
LIT & BOOK 222
OFF 221
PT/OT & EQUIP STOR 215
GIRLS TLT
IMC 207
COMPUTER LAB 207A
SPEECH 229
MULTI-PURPOSE 239
PROG 223
STOR
STOR 216
TLT
BOYS TLT
STOR
IT
STOR
SPECIAL ED 253
LEARNING SPACE 1ST 252
KINDERGARTEN 251
SPECIAL ED 249
LEARNING SPACE 3RD 248
LEARNING SPACE 3RD 247
OFF 246
STOR
READ INTER 244
GUIDANCE 232
BOYS TLT
GIRLS TLT
TLT
OFF 253A
JAN
BOYS TLT
GIRLS TLT
LEARNING SPACE 1ST 267
LEARNING SPACE 2ND 266
LEARNING SPACE 2ND 265
LEARNING SPACE 4TH 264
LEARNING SPACE 4TH 263
TEACHER LOUNGE 262
ADMIN 260
HEALTH 257
TLT
TLT
STOR
JAN
SPECIAL ED 270
PRINC 261
MATH INTER 259
WORK 256
KINDERGARTEN 254

PRA Color Legend

- Circulation
- General Classrooms
- Gymnasium, Pool, Fitness
- Library/Success Center
- Offices
- Service/Public Toilets
- Special Education
- Student Commons/Cafeteria

Facilities Advisory Committee

Rockwell Elementary

Rockwell Elementary School Enrollment History

- Max Capacity ~ 300
- Target Capacity ~ 270
- 19/20 Enrollment = 245
- 2 Section School

Facilities Advisory Committee
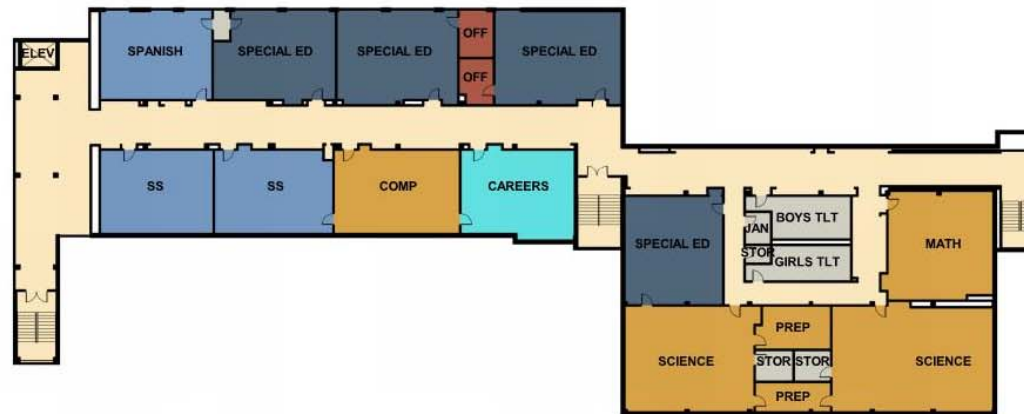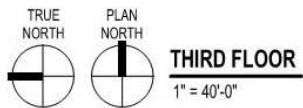
Fort Atkinson Middle School

PRA Color Legend

- Athletics
- Circulation
- General Classrooms
- Performing Arts
- Service/Public Toilets
- Special Education
- STEM Spaces
- Student Commons/Cafeteria
- Student Services / Admin

0   20   40   80

SCALE: 1" = 40'

DIST SHOP
TECH ED
STOR TOOLS OFF
OFF TOOLS STOR
DIST STOR
STOR SCIENCE SCIENCE LAB SCIENCE GREEN HOUSE
OFF
STOR
BOILER
UNI STAFF TLT TLT OFF
CBD STOR TECH ED STOR
STOR
SS
PR PR STOR UNIFORM PR PR BOYS TLT
BAND CHOIR STOR STOR
ORCHESTRA GIRLS TLT
BAND INSTR STOR BAND LIB STOR ORCH OFF PR PR PR SLO PREP SERV COMMONS MECH
PR PR DISH TLT LAUNDRY
MECH
BOYS LOCKER MECH
BOYS TLT GIRLS TLT CONCESSION STOR
OFF SHOWER
EQUIP STOR POOL
ATTEND WAIT WAITING PPS WAIT ELEV OFF
ASST PRINC STOR VAULT COUNS TEACHER LOUNGE TEACHER WORK STAFF TLT OFF OFF GIRLS LOCKER SHOWER
WORK CONF COUNS STAFF TLT AT RISK STOR BOYS LOCKER SHWR
PSYCH CONF TLT TLT TLT COUNS MECH SHOWER DRY TLT PT TLT
STOR OFF NURSE CUSTODIAN WORKSHOP STOR EQUIP COMMUNITY LOCKER UNI TLT
MULTI-PURPOSE OT SPEECH LANG JAN WEIGHTS
STOR STOR CDS HEALTH MECH

TRUE NORTH   PLAN NORTH

GROUND LEVEL
1" = 40'-0"

Fort Atkinson Middle School

ATH STOR

PHYSICAL
ACTIVITY
CENTER

GYMNASIUM

MECH

ROOF SPACE

ELEV
EQUIP

COMP LAB

SPECIAL ED

ELEV

STOR FIT

STOR

ELA

FACE

STUDENT
COUNS

AV
STOR

STOR

BOYS
TLT

GIRLS
TLT

MATH
INT

OFF

SPECIAL ED

MATH

SPECIAL ED

READ
INT

ELA

ELA

KILN

SUPPLY

MATH

MATH

PROJ
STOR

STOR

SUPPLY
STOR

OFF

ICD
OFF

STOR

HEALTH /
SPECIAL ED

GIRLS
TLT

BOYS
TLT

ART

ART

TRUE
NORTH

PLAN
NORTH

FIRST FLOOR

1" = 40'-0"

Fort Atkinson Middle School

TRUE NORTH   PLAN NORTH

SECOND FLOOR
1" = 40'-0"

MECH
COMP LAB
OPEN
OFF
OFF
JAN
WORK
RECORD
AV STOR
ELEV
ELL
GATE OFF
IMC
IMC OFF

STOR
SENS
ELA
READ INTER
OFF
STOR
WORK
ELA
LIT OFF
STAFF TLT
STAFF TLT
JAN

SS
ELA
ELA
ELA

MATH
JAN STOR
BOYS TLT
GIRLS TLT
MATH

MATH
BUSINESS ED
MATH

Fort Atkinson Middle School

THIRD FLOOR
1" = 40'-0"

TRUE NORTH   PLAN NORTH

ELEV

SPANISH | SPECIAL ED | SPECIAL ED | OFF / OFF | SPECIAL ED

SS | SS | COMP | CAREERS

SPECIAL ED | JAN / STOR | BOYS TLT / GIRLS TLT | MATH

SCIENCE | STOR STOR | PREP | SCIENCE
PREP

Fort Atkinson Middle School

Enrollment Capacity based on Maximum and Target Class Size

Num of Rooms	Program	Periods Per Day	Periods Used	Usage Factor	Target Class Size	Maximum Capacity	Efficiency Factor	Target Capacity
6	English Classrooms	8	6	75%	30	135	85%	115
8	Math Classrooms	8	6	75%	30	180	85%	153
4	Social Studies Classrooms	8	6	75%	30	90	85%	77
5	Science	8	6	75%	30	113	85%	96
23								
3	Phy-ed Stations	8	7	88%	30	79	85%	67
1	Pool	8	7	88%	30	26	85%	22
1	Weight / Fitness	8	7	88%	30	26	85%	22
2	Health Classroom	8	2	25%	30	15	85%	13
1	Spanish Classrooms	8	6	75%	30	23	85%	19
3	CTE / Engineering Labs	8	6	75%	30	68	85%	57
1	FACE	8	6	75%	30	23	85%	19
1	Business Education	8	6	75%	30	23	85%	19
2	Art	8	6	75%	30	45	85%	38
1	Band	8	3	38%	50	19	85%	16
1	Orchestra	8	3	38%	26	10	85%	8
1	Choir	8	3	38%	50	19	85%	16

	Maximum Capacity	Target Capacity
Building Capacity	891	757

- Type of space
- Periods used per day
- Students per scheduled period
- Efficiency Factor
- Target Capacity
- Maximum Capacity

Fort Atkinson Middle School

Fort Atkinson Middle School
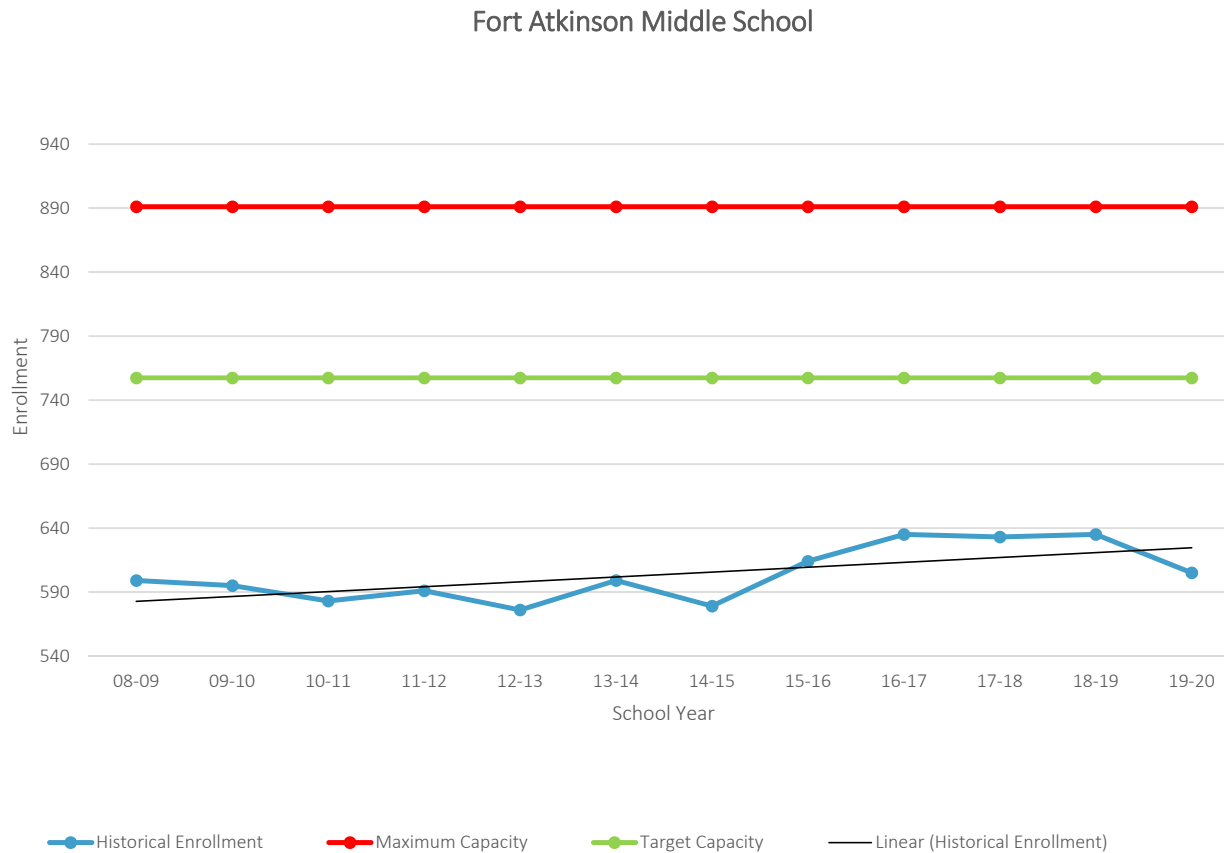
- Max Capacity ~ 891
- Target Capacity ~ 757
- 19/20 Enrollment = 605
- Potential added capacity w/ space reassignment

Facilities Advisory Committee

Fort Atkinson High School

FIRST FLOOR

SECOND FLOOR

PRA Color Legend

Athletics | Circulation | Physical Arts | STEM Spaces
Breakout / Project Spaces | IMC / Library | Service/Public Toilets | Student Commons/Cafeteria
Business ED / FACE | Performing Arts | Special Education | Student Services / Admin

Fort Atkinson High School
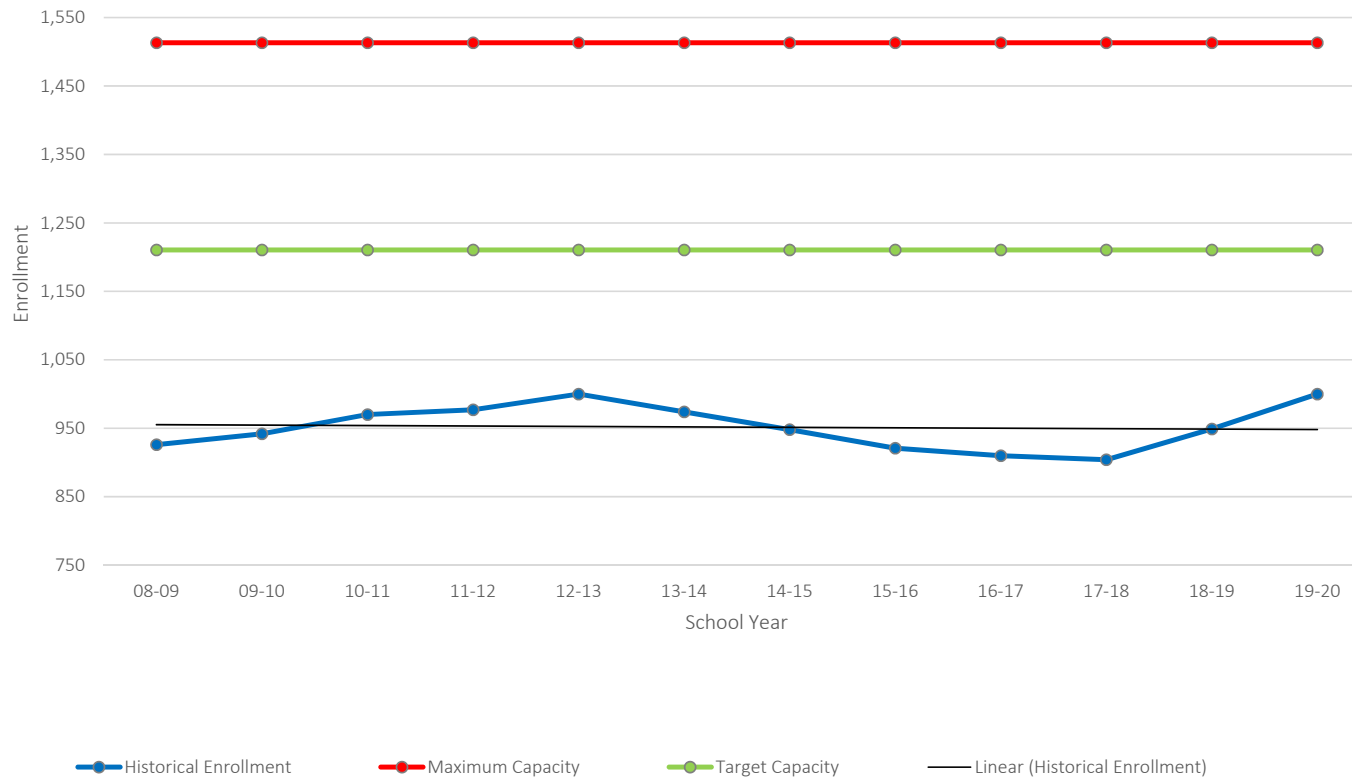
- Target Capacity ~ 1,211
- Max Capacity ~ 1,513
- 19/20 Enrollment = 1,000

Facilities Advisory Committee

curriculum &
special education

3

SCHOOL DISTRICT OF
FORT·ATKINSON
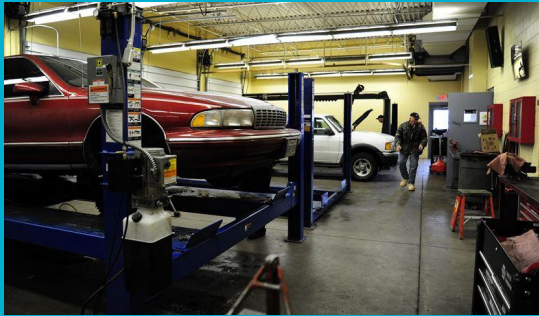
Optimal learning environments are based on the belief that EVERY STUDENT can achieve high expectations. Instruction is strengths-based, culturally responsive and personalized to ensure students meet the demands of grade-level standards.

OPTIMAL LEARNING ENVIRONMENT

Today's schools are challenged to meet the needs of ALL LEARNERS within environments that are responsive to needs and strategically leveraged to support highest levels of learning.

Educates the whole child

Integration of learning across content areas

Ensures equity

Utilizes research-based practices

Creates safe & engaging learning communities

Personalized for learners

Co-constructed by students/adults

CHARACTERISTICS of the
Optimal Learning Environment

Create Emotionally, Intellectually, and Physically Safe Environments

Implement Equitable, Culturally Responsive, and Standards-Aligned Curriculum and Instruction

Meet the Diverse Needs of Every Learner

Image & Content Credit - New Teacher Center - newteachercenter.org

Create Emotionally, Intellectually, and Physically Safe Environments

Emotionally, Intellectually and Physically Safe Environment

- Classroom relationships based on trust and caring
- Understands that learning is fundamentally social
- Nurtures self-awareness and sense of purpose
- Emphasizes effort, supported risk taking and growth
- Supports safe and engaged teacher-student and student-student interactions
- Encourages strategies for expression of emotion and healthy conflict resolution

Create Emotionally, Intellectually, and Physically Safe Environments

Space Implications

- Classroom that supports comfortable learning
- Furniture and arrangement that supports collaboration
- Environment that encourages social interaction
- Classroom zones - quiet learning, group learning, learning with the teacher, full and small group learning, individualized instruction, etc.
- Ability to be personalized and reflective of the learners in the room - displaying work, co-construction of resources
- Areas where learning is showcased and celebrated

Equitable, Culturally Responsive & Standards-Aligned Instruction

Implement Equitable, Culturally Responsive, and Standards-Aligned Curriculum and Instruction

- High expectations for all students
- Challenging content aligned to grade-level standards
- Inquiry-based learning to create relevance and personal connection
- Learner variability is understood and welcomed
- Instructional method is responsive to student need
- Engages learners in productive struggle encourage perseverance and learner agency
- Values multiple perspectives

Space Implications

Implement Equitable, Culturally Responsive, and Standards-Aligned Curriculum and Instruction

- Sufficient space for a wide variety of activities and setups
- Movement and flexibility is essential for furnishings
- Resources aligned to the content area and available on demand to the teacher and learner:
  - Classroom libraries with variety of books / reading resources
  - Hands-on resources - math manipulatives, science equipment, project supplies, daily student supplies
  - Instructional materials beyond textbooks or workbooks
- Easy access to technology
- Sufficient storage for reduction of visual clutter and organization of learning space
- Access to all areas by all students

Meeting the Needs of EVERY LEARNER

Meet the Diverse Needs of Every Learner

- Leverage individual strengths to support academic, social and emotional growth

- Providing multiple pathways to learning

- Multiple opportunities and venues to show learning

- Maximize self-directed learning

- Supporting learning for every learner to meet the standards through instructional practices such as:
  - Teacher or Peer Modeling
  - Strategic grouping
  - Questioning
  - Timely and goal-oriented feedback
  - Well-designed practice opportunities
  - Specially designed instruction

Space Implications

Meet the
Diverse Needs
of Every Learner

- Variety of seating options for comfort and purpose -
  - standing and seating desks
  - tables and work surfaces that are mobile
  - comfortable seating for independent work
  - variety of seating for different needs
- Areas and furnishings that support social interactions
- Purposeful spaces for full group, small group and independent learning, meeting sensory needs
- Stations / room allocation for different types of tasks
- Organizational systems that support efficient interactions with teacher and independent learning progression
- Access to learning supports - headphones, sensory tools, adaptive technology, etc.

Additional Structures to Support Learning

- Teacher Mentors / Instructional Coaches providing on-the-job coaching

- Frequent and ongoing professional learning for all professionals

- Robust elective offerings

- Vibrant school library

- Inviting student areas - lunch room, playground, personal belonging storage

- Spaces supporting school counseling and behavioral services to students

- Collaboration of professionals to support student learning - Specialists (Special Education, English Learners, Interventionists) + Classroom Teacher

- Families engaged as partners in learning

- Shared resource areas - teacher bookrooms, science labs, equipment storage

Additional Space Needs

Schools are more than just classrooms!

Place(s) for teacher collaboration - conference rooms, working lounge

Space designed to provide and support professional learning

Updated spaces and equipment for elective areas - gymnasium, music rooms, art room

Contemporary library

Updated playground & eating area

Smart storage for teacher & student resources

Spaces that welcome families during drop off / pick up and engagement with office staff

In an optimal learning environment, instruction addresses the needs of every learner with attention to equity and continuous academic, social & emotional growth.

collaborative
learning spaces

4

Facilities Advisory Committee

student-centered learning

Various Settings and Context

- Different places for learning

- Self learning vs. organized learning

- Multiple learning styles

- Flipped classroom

transforming the learning environment

Learning Environment Goals

- Size would be 900 to 1,200 sq. ft. as compared to 800 to 900 sq. ft.

- Flexible furniture

- Designed with large group, small group and individual study spaces

- Project-based learning would be supported

- Variety of learning environments

- Increased transparency between spaces

- Access to outdoors

transforming the learning environment

FIGURE 3.10 Typical Classrooms and Hallway Floor Plan
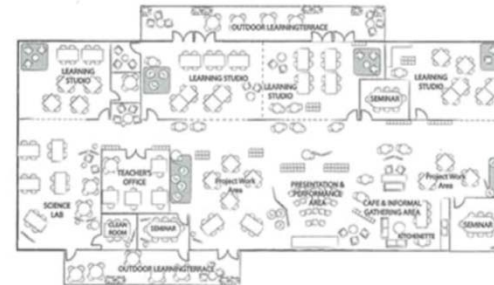
FIGURE 3.11 Transforming the Classroom-Hallway Plan into a Small Learning Community
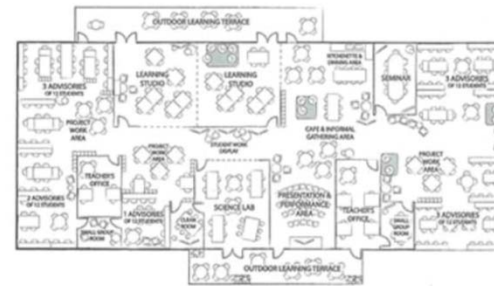
FIGURE 3.12 Transforming the Classroom into an Advisory-Based Small Learning Community

transforming the learning environment

Current Space
Configuration
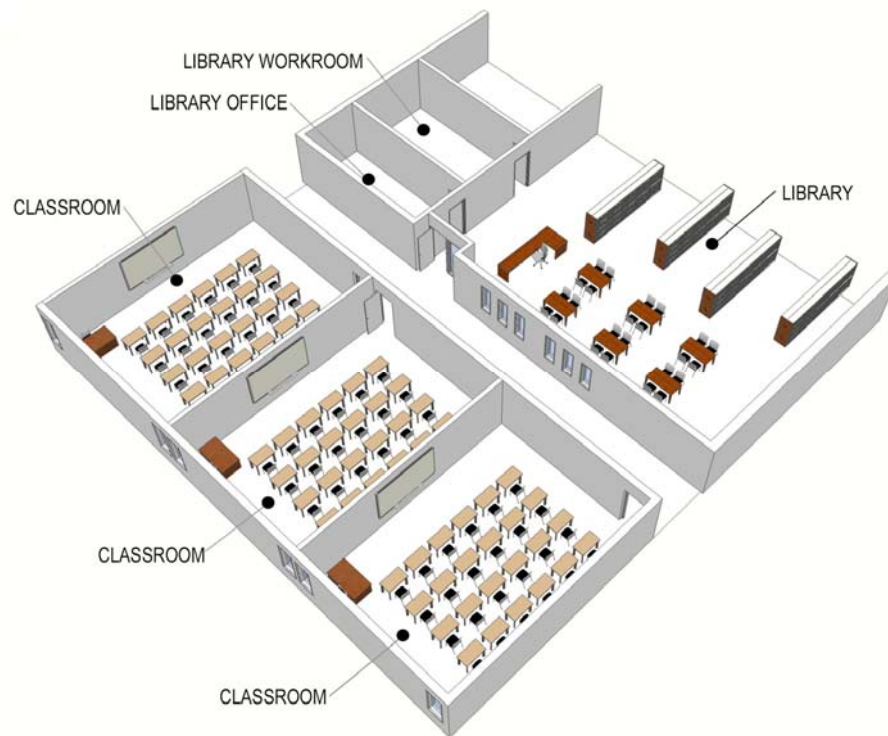
**Reconfigured
Space**
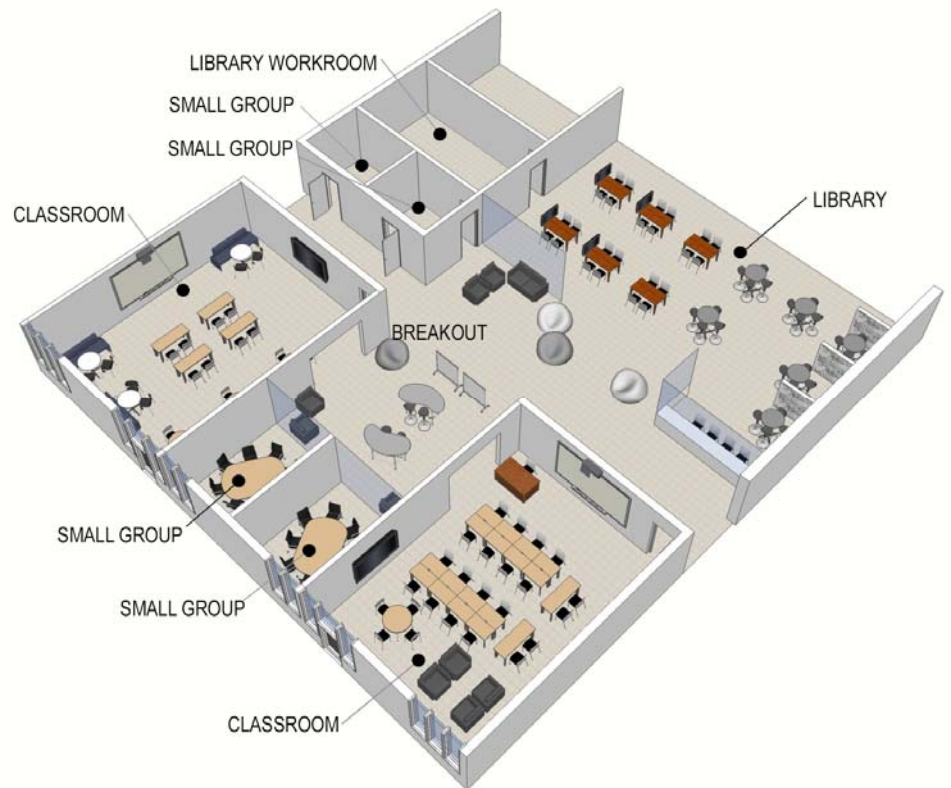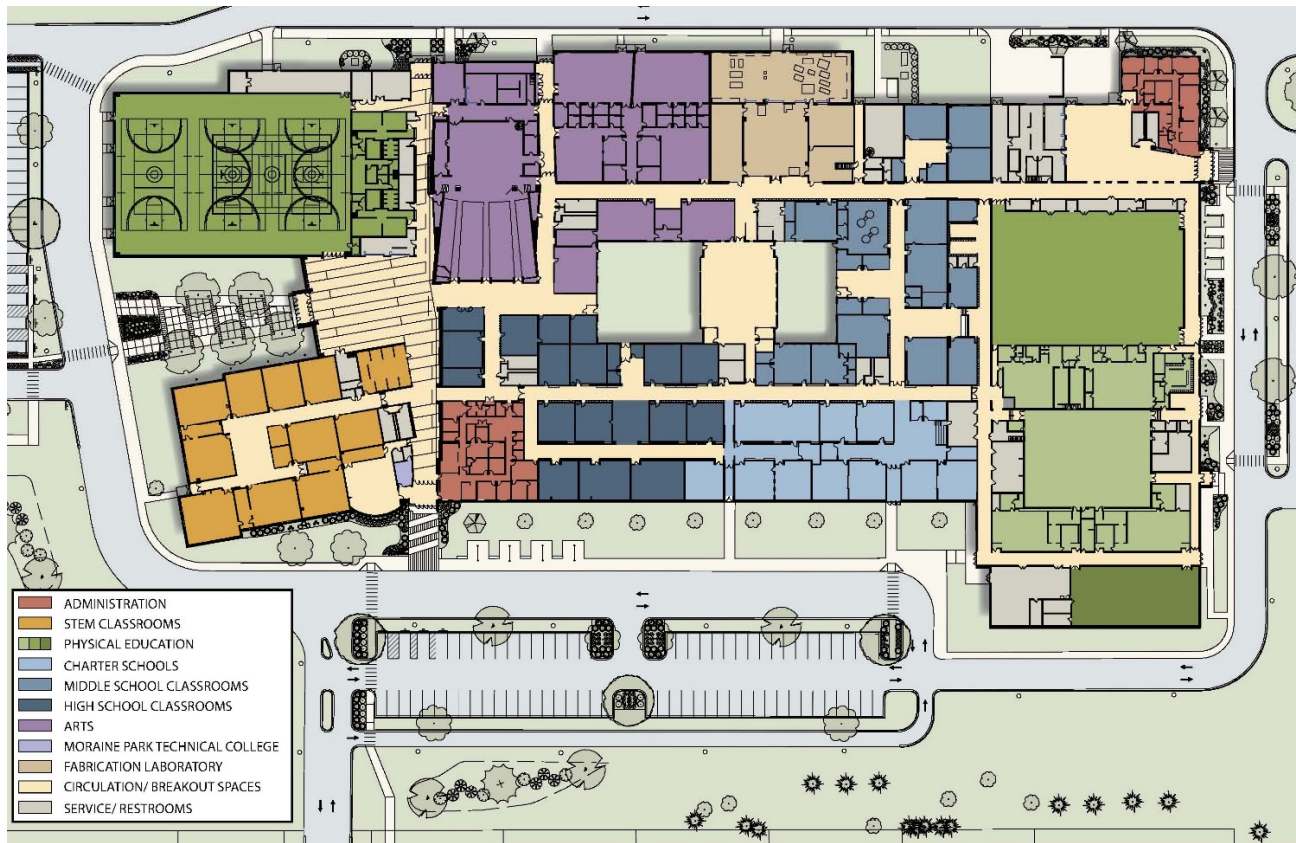
Facilities Advisory Committee

modern learning environments

Legend:
- ADMINISTRATION
- STEM CLASSROOMS
- PHYSICAL EDUCATION
- CHARTER SCHOOLS
- MIDDLE SCHOOL CLASSROOMS
- HIGH SCHOOL CLASSROOMS
- ARTS
- MORAINE PARK TECHNICAL COLLEGE
- FABRICATION LABORATORY
- CIRCULATION/ BREAKOUT SPACES
- SERVICE/ RESTROOMS

modern learning environments

Student Commons

modern learning environments

Athletic Facilities

modern learning environments

Performing Arts

modern learning environments

modern learning environments

Next Generation Tech Ed

modern learning environments

Next Generation Tech Ed

modern learning environments

STEM Labs

modern learning environments

STEM Labs

modern learning environments

Collaboration Spaces
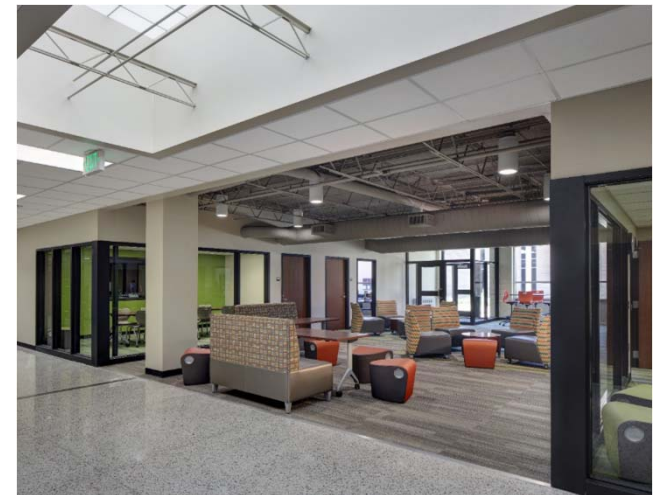
building tour
high school

5

SCHOOL DISTRICT OF
FORT·ATKINSON

SCHOOL DISTRICT OF

FORT · ATKINSON

FAC Meeting No. 3 | 19 November 2019

CGSCHMIDT pra

PLUNKETT RAYSICH
ARCHITECTS, LLP