



IPSWICH ELEMENTARY SCHOOL
SCHOOL BUILDING COMMITTEE

SEPTEMBER 14, 2017

Perkins Eastman | *DPC*

VISION / GOALS

- VIBRANT AND JOYFUL
- FLEXIBLE / ADAPTABLE / COLLABORATIVE
- SMALL LEARNING
- OUTDOOR CONNECTIONS
- COMMUNITY RESOURCE
- UNIVERSAL ACCESS

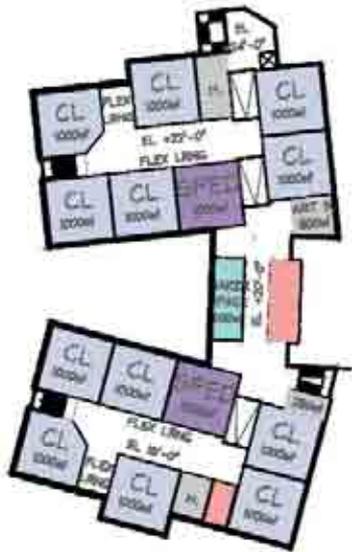
EDUC. PROGRAM EXCERPTS

- PREK-5 GRADE SPAN / CONTINUITY
- SMALL SCHOOL QUALITIES / FEEL (CLASSROOM CLUSTERS/NEIGHBORHOODS)
- PROVIDE ORGANIZATIONAL FLEXIBILITY (GRADE-LEVEL, HOUSE, MIXED/GRADE-LESS)
- ROBUST ARTS, STEAM / INTEGRATION (MAKER SPACES, GALLERY/DISPLAY STORAGE)
- SUPPORT CO-TEACHING MODEL (LARGE CLASSROOMS, PULL-OUT, SM. GRP)
- SUSTAINABLE EDUCATION & COMMUNITY (OUTDOOR LEARNING, GARDENS, MUD RM) (COMM. RECYCLING/COMPOST, NUTRITION) (FOODS LAB & FITNESS)
- PROFESSIONAL LEARNING COMMUNITIES (DISPERSED TEACHER PLANNING ROOMS)
- SPECIALIZED / SUPPORT SPACES (SOCIAL/EMOTIONAL/SENSORY/MOVEMENT)
- TECHNOLOGY RICH / FULLY INTEGRATED

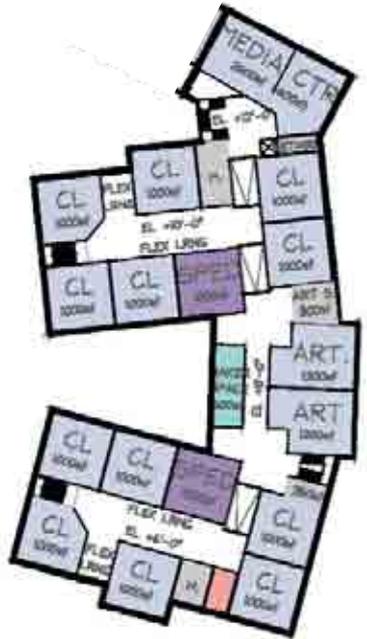
SPACE NEEDS

CORE ACADEMIC SPACES

PRE-KINDERGARTEN + TOILET	2
KINDERGARTEN + TOILET	6
GRADE 1-5 CLASSROOMS	30
SPECIAL EDUC (CR EQUIV.)	6
SM. GRP/RESOURCE (300SF)	3
OFFICE/STORAGE (120-150SF)	8
ART/STORAGE	2/2
MUSIC/ENSEMBLE	2/5
MEDIA CENTER	4,158 SF
GYM/STORAGE	9,400 SF
CAFETERIA/STAGE	6,813 SF
KITCHEN/STAFF	2,826 SF
ADMIN/GUIDANCE	2,670 SF
NURSE'S SUITE	710 SF
CUSTODIAL/STORAGE	2,375 SF



3rd FLOOR

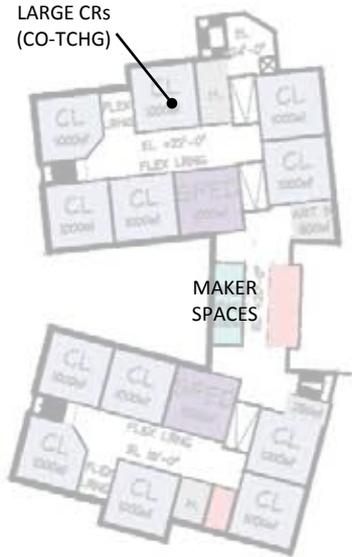


2nd FLOOR

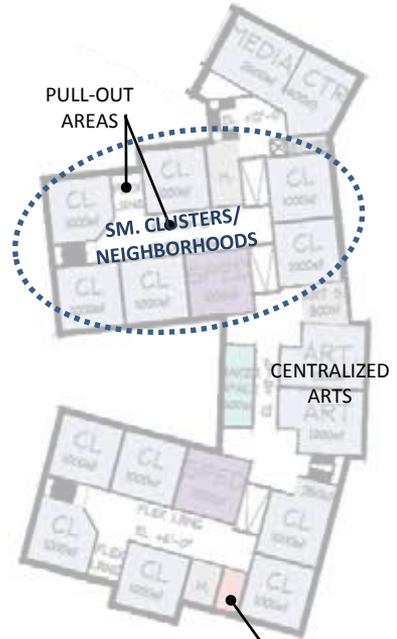


1st FLOOR

EDUCATIONAL PLAN HIGHLIGHTS



3rd FLOOR



2nd FLOOR
DISPERSED TCHR.WRK



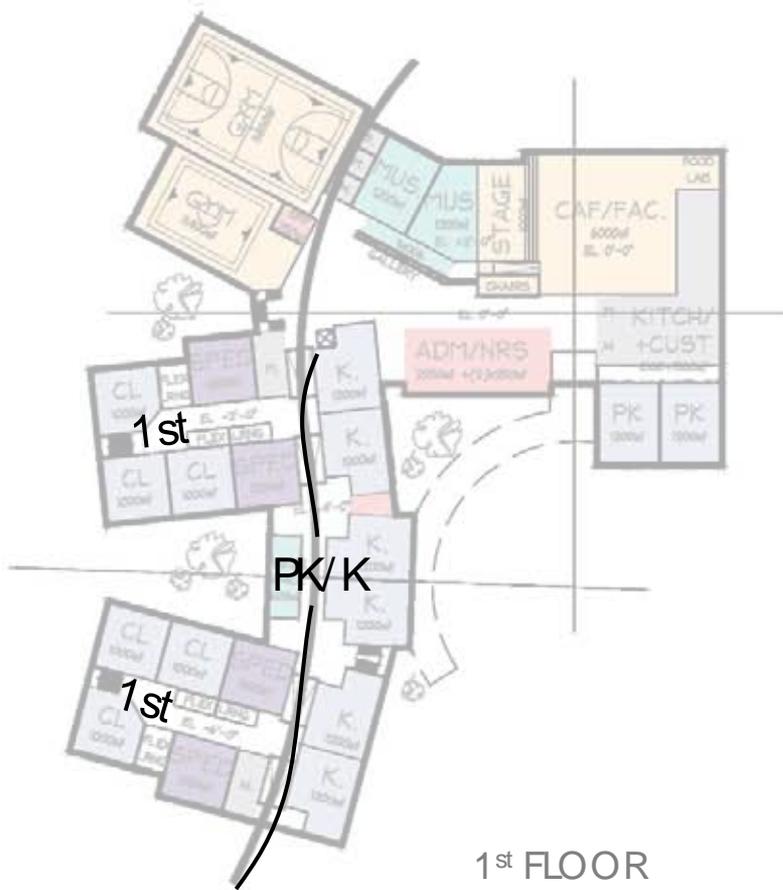
GRADE LEVEL ORGANIZATION



3rd FLOOR



2nd FLOOR



1st FLOOR

TWO HOUSE ORGANIZATION



3rd FLOOR

2nd FLOOR



1st FLOOR

MIXED/UNGRADED ORGANIZATION



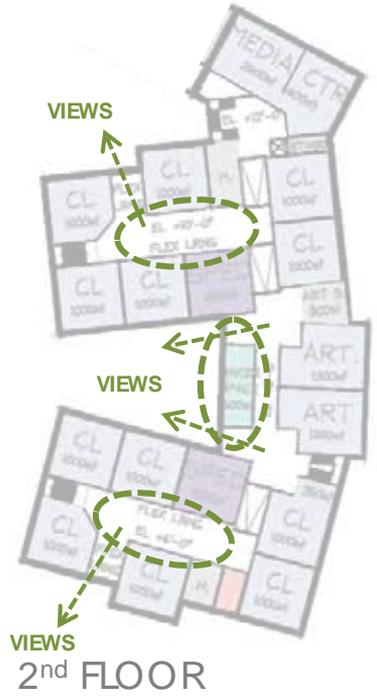
3rd FLOOR

2nd FLOOR



1st FLOOR

CONNECTIONS TO OUTDOORS



NATURAL SAFETY/SECURITY



3rd FLOOR

2nd FLOOR



1st FLOOR

Outdoor Learning Concept Ipswich, MA

Since its inception water has been integral to the character of Ipswich.

The Ipswich River winds its way through the upland Willowdale State Forest, through the Town Center of Ipswich and then turning tidal before out letting into Plum Island Sound.

These varied habitats are rich in natural resources and a critical part of the overall ecosystems, geology and history of Ipswich.

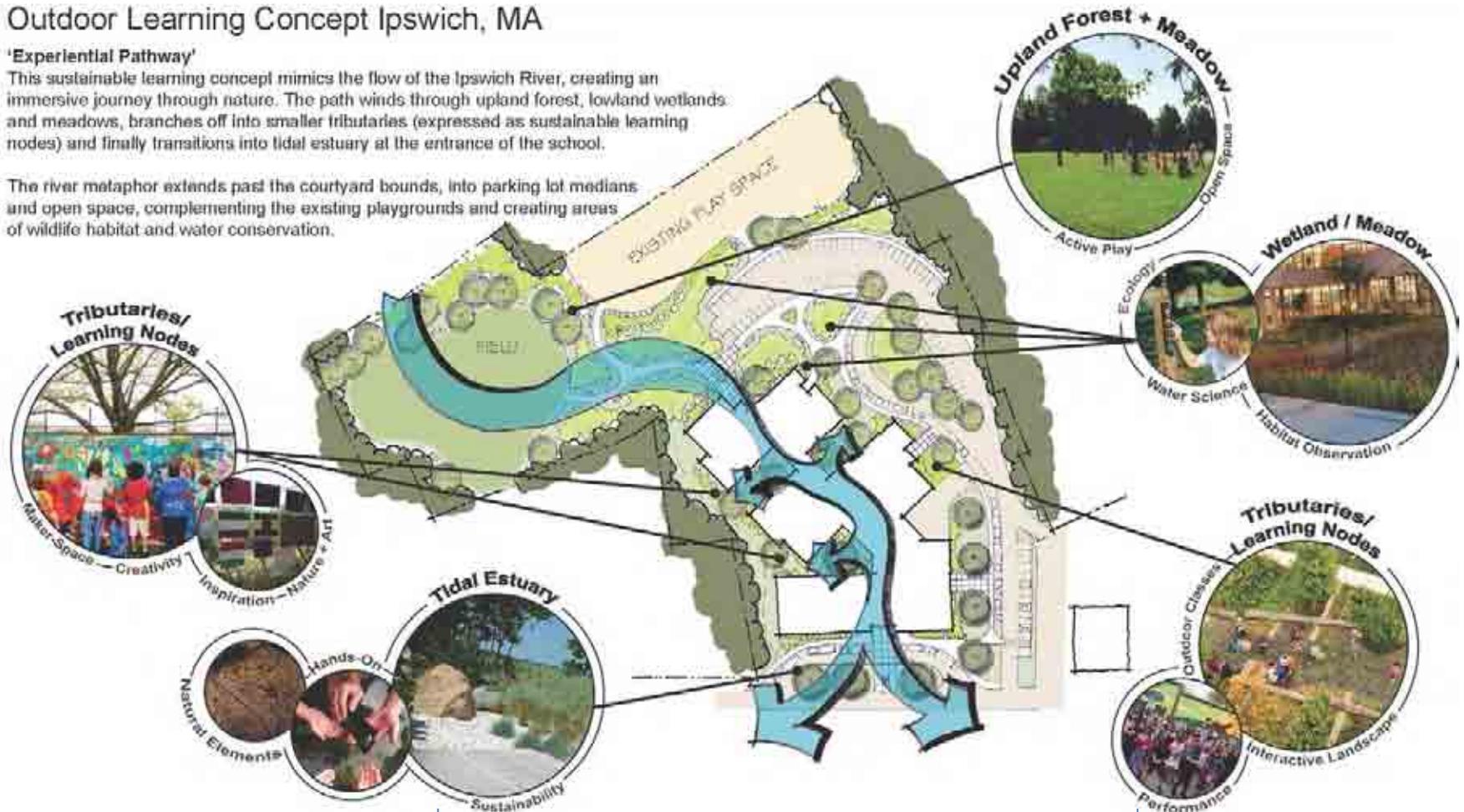


Outdoor Learning Concept Ipswich, MA

'Experiential Pathway'

This sustainable learning concept mimics the flow of the Ipswich River, creating an immersive journey through nature. The path winds through upland forest, lowland wetlands and meadows, branches off into smaller tributaries (expressed as sustainable learning nodes) and finally transitions into tidal estuary at the entrance of the school.

The river metaphor extends past the courtyard bounds, into parking lot medians and open space, complementing the existing playgrounds and creating areas of wildlife habitat and water conservation.



BUILDING:

- 3 Story, 123k Sq. Ft. Building
- Orientation Ideal For Daylight
- Zoned For Community Use
- Gym Near Fields/Caf. Near Play
- 9k Indoor Play (vs 4k Exist'g Comb.)

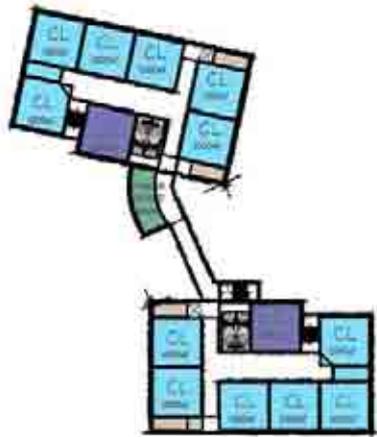
VEHICULAR:

- 10 Buses (10 Exist'g Comb.)
- 50 Car Loop Rd (50+ Exist'g Comb.)
- 175 Car Parking (150+ Exist Comb.)
- PreK Access via Bus Loop

OUTDOOR SPACE:

- 108k Play (vs 109k Exist'g Comb.)
- 45k Play, 160k Green/Hard Surface, (Target 46k Play, 6k Hard, 57k Grn.)
- Fitness Path/Gardens/Greenhouse
- Outdoor Learning +Amphitheater
- Softball Field, Little League Field with Multi-Use Field Overlay





3rd FLOOR



2nd FLOOR



1st FLOOR

MAIN CORRIDOR/ FLEXIBLE LEARNING



Earth



K

BACKYARD ADVENTURERS

Local Fauna



1

FOREST TRAILBLAZERS

Materials



2

OCEAN NAVIGATORS

Water



Sky



3

ATMOSPHERE AVIATORS

Air



4

SOLAR SYSTEM PIONEERS

Light



5

GALAXY VOYAGERS

Energy



DISCOVER VIRGINIA'S FRIENDLY FORESTS

62% of Virginia is made up of forests! These forests provide homes to a range of different species including over 70 amphibian and reptile species, 200 bird species, and 55 mammal species. 27 of the plant and animal species found in Virginia forests are threatened or endangered and need their habitat protected!

*How many different animals can you spot living in the trees in your neighborhood?

HOW 'CAN' YOU HELP?

There are over 80 billion aluminum cans used each year around the world. Recycling a single aluminum can saves enough energy to power a TV for three hours. Make sure you always recycle aluminum - here and at home!



CASE STUDY/PRECEDENT IMAGES

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