BROOKLINE
9TH ELEMENTARY SCHOOL
FEASIBILITY STUDY
“Three things we have left of paradise: the stars, the flowers and children.”

- attributed to Dante Alighieri
Identity

Henry Vettel

50

Ms. Z

Child's School Plan

Jonathan Levi Architects
DAYLIGHT

SOLAR ORIENTATION AND REFLECTORS
RESIDENTIAL SCALE
RELATION TO OUTDOORS
By 2020, 1/3 of employees will no longer work at an office

Office space will be reduced by 7% in the next two years, by 16% in 2020

By 2020, 6 desks will be shared by every 10 workers
COLLABORATION + TECHNOLOGY

CO-CREATIVE
INTER-DISCIPLINARY
PROJECT-BASED
IMPROVISATORY
FLEXIBLE
OPEN TO CHANGE
GROUP THINK!
PROJECT BASED CLUSTERING

CLASSROOM CLUSTERING CONCEPT SCHEME ‘A’

CLASSROOM CLUSTERING CONCEPT SCHEME ‘B’

CLASSROOM CLUSTERING CONCEPT SCHEME ‘C’

CLASSROOM CLUSTERING CONCEPT SCHEME ‘D’
PROJECT BASED CLUSTERING
COLLABORATION AND BREAK-OUT SPACE

CORRIDOR ALCOVE BREAK-OUT SPACE WITH WORK ROOM
COLLABORATION AND BREAK-OUT SPACE

CLUSTER CORE SPACE WITH WORK ROOM
COLLABORATION AND BREAK-OUT SPACE

BREAK-OUT SUITE WITH WORK ROOMS AND OUTDOOR CLASSROOM
COLLABORATION AND BREAK-OUT SPACE

FLEXIBLY PARTITIONED BREAK OUT ROOM BETWEEN CLASSROOMS
COLLABORATION AND BREAK-OUT SPACE

CLUSTER AROUND BREAK-OUT SPACE PAIRED WITH OUTDOOR CLASSROOM
COLLABORATION AND BREAK-OUT SPACE

INFORMATION COMMONS AND CLASSROOM SUITE BREAKOUT ROOM, FIELD SCHOOL, WESTON, MA
TEACHER PRESENCE

- Classrooms
- Expanded Classroom/Threshold Assembly Space
- Teacher Supervision Office
- Informal corridor breakout area

CORRIDOR TEACHER PREP./MENTORING OFFICES, DEARBORN 6-12 STEAM PUBLIC HIGH SCHOOL, ROXBURY, MA
CO-CREATION PRECEDENTS

‘KED’ HIGH SCHOOL, DENMARK
CO-CREATION AND TRANSPARENCY
PROGRAMMING ALTERNATIVES

OPTION A.1

GRADES PK-2
PRIMARY SCHOOL

TEACHER PLANNING

ELL
SPED

GRADES 3-5
ELEMENTARY SCHOOL

COHORT COMMON

4TH
5TH
6TH
7TH
8TH

GRAD 6-8
MIDDLE SCHOOL

ADMIN/TEACHER PLANNING

ART

MULTI-USE

CAFETERIA

GYM

ADMIN

FABLAB

MAKER

MEDIA

MUSIC
PROGRAMMING ALTERNATIVES

OPTION C.1

LEARNING COMMON/CAFETORIUM

GYM

MUSIC

MUSIC

FALAB

MAKER

MEDIA

TEACHER PLANNING

TEACHER PLANNING

COHORT COMMON

ELL

ART

SPED

SPED

3RD

B

A

D

5TH

B

4TH

4TH

ELL

ART

GRDES 6-8
MIDDLE SCHOOL

GRDES 3-5
ELEMENTARY SCHOOL

GRDES PK-2
PRIMARY SCHOOL
COHORT ‘CLUSTERS’

PRIMARY
PK-2

ELEMENTARY
3-5

MIDDLE
6-8
OPTION B

ARCHITECT’S NOTES, OPTION ‘B’- “WINTER AND SUMMER GARDENS”
OPTION B

LEARNING COMMONS LOOKING TO ‘GREAT OAKS GARDEN’
OPTION E

3 COHORTS

SHARED COURTYARD
& Public Path

Hammend
PROJECT EVALUATION CRITERION

TOTAL PROJECT COST
TRAFFIC
OPEN SPACE
IMPACT TO NEIGHBORS
SCHEDULE DURATION / RISK
EDUCATION PLAN ENHANCEMENT
CLASSROOM SHAPE AND ADJACENCIES
COHORT CONFIGURATION
NON-EDUCATION PROGRAM ACCOMMODATION
FLEXIBILITY OF USE - FUTURE USE
LEED / SUSTAINABILITY
BUILDING MASSING/SITE COVERAGE

EXTERIOR DESIGN
MEP ACCOMMODATION
ATHLETIC USE
CONSTRUCTION STAGING
COMMUNITY USE
DELIVERIES
CONTINGENCY RISK
SITE REMEDIATION
LONG TERM MAINTENANCE / REPAIR COST
HAZARDOUS MATERIAL REMOVAL
BIDDING AND PROCUREMENT
SECURITY
<table>
<thead>
<tr>
<th>PROJECT CRITERION</th>
<th>Option A</th>
<th>Option B</th>
<th>Option C</th>
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<tbody>
<tr>
<td>1 Total Project Cost</td>
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<td>2 Traffic</td>
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<td>3 Open Space</td>
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<td>4 Impact to Neighbors</td>
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<td>6 Education Plan Enhancement</td>
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<td>7 Classroom Shapes and Adjacencies</td>
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<td>10 Flexibility of Use - Future Use</td>
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<td>11 LEED / Sustainability</td>
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<td>13 Exterior Design</td>
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<td>19 Contingency Risk</td>
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<td>25 Security</td>
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**KEY**

- **+** Advantageous
- **0** Neutral
- **-** Disadvantageous
- **+-** Very Disadvantageous
“To marvel is the beginning of all knowledge”

- ancient greek proverb