**Vision:**

To improve on the community and student’s quality of life by providing a learning environment that encourages growth and knowledge outside of the classroom. The Learning Landscape will provide students with knowledge to gain higher levels of education.

**Goal:**

To build a public place and playground that supports the wellness of children. Sabin Elementary deserves an updated playground with an interactive theme that increases opportunities for the combination of learning and playing.

**General Student Comments:**

- Play equipment is outdated and not up to Qualistar standards
- Field Sheet Drains and causes flooding issues
- No separation of intermediate play pit and primary play pit.
- Ample amount of mature shade trees on site
- Limited amount of seating (only two benches)

**General School Comments:**

- Field drainage issues
- Dartmouth Street is very busy and loud
- Equipment is old and unsafe
- ECE does not have enough swings

**Material Inventory**

<table>
<thead>
<tr>
<th>Description</th>
<th>Quantity</th>
</tr>
</thead>
<tbody>
<tr>
<td>Hard Surface Play/Asphalt</td>
<td>4,321.15 sq ft</td>
</tr>
<tr>
<td>Field</td>
<td>3.7 Acres</td>
</tr>
<tr>
<td>Building</td>
<td>2.01 Acres</td>
</tr>
<tr>
<td>ECE Play Pit</td>
<td>4,462.19 sq ft</td>
</tr>
<tr>
<td>Main Play Pit</td>
<td>5,161.19 sq ft</td>
</tr>
</tbody>
</table>

**Play Inventory**

- Foursquare: 8
- Tetherball: 7
- Basketball Court: 2
- Other: 8

**Site Analysis and Inventory**

- Concrete Chase off of field
- Grade Line-Up Numbers
- Drainage Chase to the Street
- Asphal t Play Areas
- Outdated Unsafe Play Equipment
- Front Main Entrance Looking East
- Panoramic looking West towards ECE play area
- Dedicated Hackworth Field Updated in 1997

**Panoramic looking West towards ECE play area**

**2005 Design Development**

**Theme:** Continental Divide

**Vision:**

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**Play Inventory**

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- Basketball Court: 2
- Other: 8
Program:

- The program of the space is ordered off of the shade structure (center of compass rose). The compass rose placed on the site is aligned with the cardinal directions. The ordering lines from the compass help expand the design and include the northern part of the site (courtyard).

- The play pits are placed in relation to the age range of the children and the distance from the building, with the youngest being the closest and the oldest being the farthest. The ECE is separated away from the older and more advanced play pits.

- The outer rings of the compass designate pathways.
Schematic Plan

Play Inventory
- Foursquare: 6
- Tetherball: 4
- Basketball Court: 2
- Swing Bays: 7
- Other Painted Play: 10

Material Inventory
- Hard Surface Play/Ashphalt: 22,607.60 sq ft
- Field: 3.7 Acres
- Building: 2.01 Acres
- ECE Play Pit: 1,454.09 sq ft
- ECE Swing Pit: 1,649.10 sq ft
- Primary Play Pit: 2,597.70 sq ft
- Intermediate Play Pit: 2,507.22 sq ft
- Main Swing Pit: 2,659.61 sq ft
- New Garden Space: 7,664.08 sq ft

Sabin World Elementary School, Denver CO

Steplink: 6606 - 002

Fall: 2010

Trish Kurnik

Design Concepts

Play Inventory

Material Inventory

SABIN WORLD SCHOOL
## Explorer / IBO Theme

### 6 Points of Inquiry
- Who are we?
- Where we are in place and time
- How we express ourselves
- How the world works
- How we organize ourselves
- Sharing the planet

### Compass Rose
When explorers ventured out over the treacherous waters in search of the unknown, they used a compass rose to navigate their way. The symbol of the compass rose was used as a design part to organize and delineate space for the elements of the Learning Landscape.

### Positive Behavior Supports (PBS)
IBO aims to develop inquiring, knowledgeable and caring young people who help create a better and more peaceful world through intercultural understanding and respect (http://sabin.dpsk12.org/PBS). PBS will be sandblasted into vertical stones at the gateway to make a statement about the character and message of the school.

### Explorer Paths
This educational element plays off of the idea of exploring. Students of Sabin World School will get to learn about a famous United States explorer.

1. John Wesley Powell
2. Sacagawea
3. Zebulon Pike

### Enrollments Indicators

<table>
<thead>
<tr>
<th>Enrollment Indicator</th>
<th>Total Number Enrolled</th>
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<tbody>
<tr>
<td>Total Number Enrolled</td>
<td>565 783 2010</td>
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### Income Indicator

<table>
<thead>
<tr>
<th>Income Indicator</th>
<th>% Students Receiving Free/Reduced Lunch</th>
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<tbody>
<tr>
<td></td>
<td>77.20% 70.50% 2010</td>
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### Race and Ethnicity Indicator

<table>
<thead>
<tr>
<th>Race and Ethnicity Indicator</th>
<th>% White Students</th>
<th>% African American Students</th>
<th>% Latino Students</th>
<th>% Native American Students</th>
<th>% Asian Students</th>
<th>% Students English Language Learners - All Languages</th>
<th>% Students English Language Learners - Spanish Speaking</th>
<th>% Students English Language Learners - Other Language</th>
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</thead>
<tbody>
<tr>
<td>% White Students</td>
<td>20.70%</td>
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<tr>
<td>% African American Students</td>
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<tr>
<td>% Latino Students</td>
<td>68.00%</td>
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<tr>
<td>% Native American Students</td>
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<tr>
<td>% Asian Students</td>
<td>8.10%</td>
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<tr>
<td>% Students English Language Learners - All Languages</td>
<td>11.60%</td>
<td>23% 2005</td>
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<tr>
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<td>21.30% 2005</td>
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<td>% Students English Language Learners - Other Language</td>
<td>3.40%</td>
<td>1.80% 2005</td>
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</tbody>
</table>
Shade Shelter and Gateway Details

**BIRD GARDEN PLANT PALETTE**
- **Ornamental Trees:** Celtis occidentalis (Hackberry)
- **Shrubs:** Prunus virginiana (Chokecherry)
- **Ornamental Grasses:** Andropogon saccharoides (Silver Bluestem)
  - Miscanthus sinensis ‘Gracillimum’ (Maiden hair grass)
  - Festuca glauca (Boulder Blue)

**SENSORY GARDEN PLANT PALETTE**
- **Shrub:** Syringa vulgaris (Albert Holden Lilac)
- **Sensory Herbs:** Thymus serpyllum (Creeping thyme)
  - Stachys byzantina (Lamb’s Ear)
- **Perennial Flowers:** Tulipa batalini (Bright Gem in red)
  - Narcissus (Daffodil)
  - Helianthus annuus (Sunflower)

**MATERIALS**
- Wire Mesh
- Brushed Steel

**SABIN WORLD SCHOOL**

Stephanie Carroll
University of Colorado Denver
Vertical Studio: 6606 - 002
Fall 2010
Trish Kurnik
Design Concepts