#EastCitySchool IDEA WALL

COLLABORATION / INCLUSION

- Collaboration with different agencies, e.g. community gardens
- Inclusion of multiple groups, invite culture, build community
- Honour and incorporate Indigenous teaching, and environmentalism
- Acknowledge the land and the history of it
- Integration of English and French Streams, not separate wings
- Accessible Spaces for all ages and abilities
- Storage for partners, e.g. school council, child care, community partners
- Promote Community Use of School
- Integration/Inclusion of child care as part of school
- Design elements that support Indigenous awareness and education
- Spaces for cross age/grade Interaction
- Clubs for students of all ages, student-run, leadership
- Connect kitchen to gardening, breakfast program, student involvement and partnerships
- Partnerships for environmental learning, e.g. Kawartha Conservation, GreenUp
- Memorabilia in the halls, e.g. class pictures
- Salvage and re-use pieces of former schools
- Mural wall honouring both schools

OUTDOOR SPACES and BRINGING THE OUTSIDE INSIDE

- Living walls, Living building, indoor gardens, plants
- Native plant landscaping – lots of plants and trees
- Natural playground/play spaces, including unstructured outdoor play space
- Fruit/Vegetable Gardens
- Outdoor Classroom with stone seats, amphitheatre, Medicine Wheel teachings
- Keep/Use the forest – fenced woods
- Foster Environmental Stewardship
- Greenhouse
- Rain barrel collection for gardens, grey water

ENERGY/ ENVIRONMENT

- Take advantage of natural light – large windows, passive solar
- Active solar – panels, shingles
- Geo-thermal heating/ cooling
- Use topography in design to save energy, take advantage of hill, forest for light, shade, air flow
- Explore use of straw bale building
- Sensor Lighting
- Water Bottle Refill Stations
- Clean Air Filtering- Low VOCs

DESIGN FEATURES

- Improved walkability and traffic flow, safety
- Incorporate building technology as part of learning spaces
- Encourage active transportation routes
- Variety of room shapes, not all the same
- Emphasis on sustainability for building, landscaping and programming
- Classrooms with doors to the outside, for outdoor learning
- Sinks, storage in every room, and windows that open
- Open Spaces, e.g. wide hallways
- Tiles, flooring stairs that are interactive, encourage movement, learning
- Common Spaces: kitchen, meeting room, alternative spaces, utility room
- Large main entrance, atrium, lots of light
- LEED Design Principles, but certification not needed
- Take advantage of natural geography to aid in energy efficiency
- Rooftop learning areas, e.g. garden, observatory, walking track

STUDENT SPACES/ PROGRAMMING

- Bigger gym, higher ceilings
- Both calming and stimulating Rooms, e.g. some colourful, a Snoezelen room
- Range of seating, configurations in classrooms
- Calming nooks in rooms
- Classroom Gardening
- Integrate outdoor learning spaces in design concept of building
- Composting
- Music and Science Rooms
- Focus on Technology: Coding, Robotics
- Bulletin boards at student heights
- Creativity - Maker Spaces
- Promote Curiosity, Critical Thinking, Real-World Questions
- Document journey of new school - Involve students in real-life learning and problem solving
- Two washrooms in Kindergarten, separate primary washrooms, gender neutral washrooms
- Incorporate composting, water usage, energy into programming

EXPERTISE AND RESOURCES

- Leverage Existing knowledge and ideas from current builds
- Ensure architect has experience with environmental builds and designs
- Use and buy local resources as much as possible
- Canadian Construction and Canadian Companies, local sub-contractors
- Innovative Design that saves money through cost-savings approaches
- Eco-friendly building materials
- Design compatible with other innovative local projects, e.g. Museum, Liftlock, Canoe Musem
- Use the Environment in Realistic Ways