

# 2019 ORIENTATION PACKET

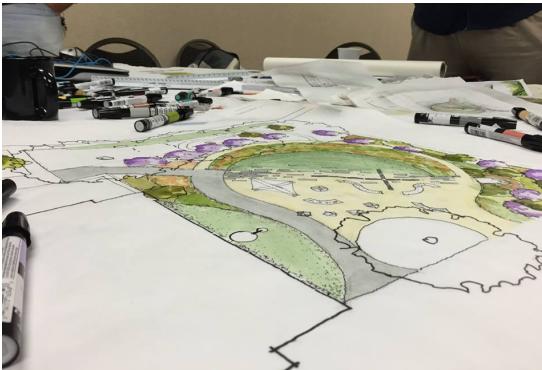


## 2019 DESIGN CHALLENGE

### Kingston, ON

Presented by:

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DESIGNED TO CONNECT.



In Partnership with:



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Algonquin & Lakeshore  
Catholic District School Board

# Introduction:

The current generation of young people in North America spends less time outside than any generation in history, and this growing disconnect between people and nature is leading to a wide range of social, public health and environmental issues. As we look to a future in which more than 90% of North Americans will be living in urban areas by the year 2050, engaging outdoor learning environments provide an increasingly essential point of connection for young people to interact with nature. In the effort to create the sustainable and nature-rich cities of the future, there is also a great need to inspire the current generation of young people to play an active role in designing, building and maintaining great outdoor spaces in our urban and suburban environments through careers in landscape and horticulture professions.

The Come Alive Outside Design Challenge creates the opportunity for teams of post-secondary and secondary students to work together with landscape professionals to design and build engaging outdoor learning environments at schools and childcare facilities.

Wentworth Landscapes will host the 2019 Design Challenge, in partnership with Come Alive Outside, Gelderman Landscape, Brydges Landscape Architecture and Landscape Ontario, bringing top post-secondary Landscape Architecture, Landscape Design and Horticulture students to Kingston, Ontario for a three-day design charrette. On October 24<sup>th</sup>-26<sup>th</sup>, students from Algonquin College, Guelph University, Seneca College, Niagara College, and Ryerson University, as well as, SHSM and Green Industry high school students will participate in a design charrette with elementary students and teachers to create initial concepts for a natural schoolyard at Archbishop O'Sullivan Catholic School.

Come Alive Outside is 501c3 non-profit organization based in the United States that works closely with partners in healthcare, public health, outdoor recreation and the landscape profession in order to get people off the couch and back outside in communities across North America! Since 2013, Come Alive Outside has produced our Design Challenge program in 18 communities with over 800 students across the United States and Canada.



# Program Timeline:

## October: Design Charrette

Thursday, Oct. 24<sup>th</sup>:

- Tour of recently built play space at St. Francis Of Assisi Elementary School.
- Dinner and Kick-Off for all Design Challenge participants and professional partners at Holiday Inn Kingston Waterfront in the Bellevue Ballroom

Friday, Oct. 25<sup>th</sup>:

- Collaborative Design Process with partners at Archbishop O'Sullivan Catholic School.

Saturday, Oct. 26<sup>th</sup>:

- Presentation of Initial Design Concepts at Archbishop O'Sullivan Catholic School.

## November: Final Proposals

- Initial drafts of your proposed design should be submitted by November 11<sup>th</sup>, so that Professional Partners can provide feedback and help with cost estimating.
- Cost estimates and feedback will be returned to schools by November 18<sup>th</sup> for any necessary revisions to the proposed phases.

## December-January: Judging and Awards

- Teams finalize Submission Packages in line with the Judging Criteria for the Challenge and submit their final Design Proposals by Monday, December 2<sup>nd</sup>.
- Submissions are judged by a professional panel, as well as voted on by the community of teachers and parents at Archbishop O'Sullivan Catholic School during the week of December 9<sup>th</sup>-13<sup>th</sup>.
- Winning design will be announced at Landscape Ontario Awards of Excellence on January 7<sup>th</sup>

## Spring-Summer 2020: Construction

- Wentworth Landscapes will work with Archbishop O'Sullivan Catholic School to initiate construction of the space during the spring and summer of 2020.



# **Design Charrette**

## **Agenda:**

### **Thursday, October 24<sup>th</sup>**

2:00-3:00- (optional) Tour playground at St. Francis Of Assisi Elementary School.  
5:30- Welcome dinner at Holiday Inn Kingston Waterfront in the Bellevue Ballroom  
6:00- Kick-off and Round Table Discussions: How do we design nature back into our lives?  
8:00- Wrap-up

### **Friday, October 25<sup>th</sup>**

7:00am- Complementary Breakfast @ Holiday Inn Kingston Waterfront  
8:00- Depart for Archbishop O'Sullivan Catholic School  
8:30- Arrive at Archbishop O'Sullivan Catholic School & observe use of space  
9:20- Site and Needs Analysis with stakeholders  
10:45- Design Brainstorming Session with Elementary Students  
12:00- Working Lunch (Lunch Provided)  
12:45- Design students observe during recess  
1:10- Develop and refine initial design concepts  
2:30- Leave Archbishop O'Sullivan Catholic School for hotel  
3:00- Afternoon break & opportunity to grab dinner  
6:00- Evening design session at Holiday Inn Kingston Waterfront in the Bellevue Ballroom

### **Saturday, October 26<sup>th</sup>**

7:00am- Complimentary Breakfast at Holiday Inn Kingston Waterfront  
8:30- Leave hotel for Archbishop O'Sullivan Catholic School  
9:00- Prepare for Open House at Archbishop O'Sullivan Catholic School  
10:00- Doors open and welcome parents, teachers and community members  
10:15- Community Feedback Open House  
11:30- Thank you remarks and closing thoughts  
12:00- Out the door



# Design Criteria:

- 1: The design encourages interaction with the space using all five senses.
- 2: The design integrates the creative input of the students and teachers who will use the space.
- 3: The design creates habitat for native wildlife.
- 4: The design effectively manages and utilizes rainwater.
- 5: The design demonstrates a practical grasp of material costs and suggests an innovative implementation plan.

# Submission Package:

Submission Packages must be submitted via email to [lissa@comealiveoutside.com](mailto:lissa@comealiveoutside.com) by 5pm Eastern on **December 2<sup>nd</sup>**. The Design Board and Project Narrative should be PDF files and the Video Proposal either .mov or .mp4 file.

Initial drafts of your proposed design should be submitted by **November 11<sup>th</sup>**, so that Professional Partners can provide feedback and help with cost estimating for the initial phases of the design. At this point, you will only need to submit the site plan with labels as a .PDF file. Cost estimates will be returned to schools by **November 18<sup>th</sup>** for any necessary revisions to the proposed phases.

## 1: Design Board

- The Design Board should provide a visual explanation of the proposed space.
- Must include site plan with labels.
- Additional elements may include conceptual drawings, perspectives and cross sections.
- 2 board maximum: 24" x 36" layout.

## 2: Project Narrative

- The Project Narrative should provide an explanation of how the proposed design addresses the Design Criteria for the challenge.
- The Project Narrative should include the budget for the project in alignment with proposed phases.
- The Project Narrative may include images from the Design Board, as well as additional supplemental images.
- Including images and text, Project Narratives should not exceed 10 pages.

## 3: Video Proposal

- The Video Proposal is targeted towards the students and teachers who will use the space and should show how the space will be experienced!
- Should include voice-over explanations of the design and/or interviews with post-secondary students involved in the design process to explain how it meets the Design Criteria.
- Video Proposals should be no longer than **3 minutes**.

# Judging:

A panel of judges comprised of professionals representing Wentworth Landscapes, Landscape Ontario, Gelderman Landscape, Brydges Landscape Architecture and Come Alive Outside will give final scores to participating college teams on a scale of 0 to 100. The winning team will be determined based on an average of the judge and client (Archbishop O'Sullivan Catholic School) scores according to the following.

## Scoring:

### 1: Archbishop O'Sullivan Catholic School Voting (20)

The students, teachers and parents at Archbishop O'Sullivan Catholic School will vote on their favorite designs according to the submitted proposals. The team with the most votes will receive a full 20 points, with the second and third place teams receiving 15 points, and the remaining teams each receiving 10 points.

### 2: Quality of Submitted Materials (10)

- Are the materials in the Submission Package of sufficient quality for judges to assess how the proposed design meets the Challenge Criteria?
- Do the design board and video proposal present a compelling representation of the proposed space and how it will be experienced by students and teachers?

### 3: Likelihood of Implementation (20)

- **Practicality of Construction and Maintenance:** In addition to their creativity and innovation, designs will be judged based upon the practicality for implementing the design, including its use and maintenance after construction.
- **Phasing:** The master plan is broken into phases. Phase One fits within the budgetary restrictions of this challenge and additional phases are proposed in a way that is cost effective and sensitive to the needs of the client and use of the space.

### 4: Design Criteria (50)

- **Interactivity (10)**  
Does the design demonstrate a high level of creativity in drawing people into the space and encouraging interaction using all five senses?
- **Participatory Design (10)**  
Is the participatory design process documented in a compelling way that highlights the benefit of collaborating with the school community and how their input was incorporated into the final design?
- **Wildlife Habitat (10)**  
Does the design create a suitable habitat for specific species of native wildlife in a way that is beautiful, creative and allows educational opportunities for teachers and students?
- **Water Use (10)**  
Does the design provide for the effective management and use of rainwater in a way that is aesthetically pleasing and allows educational opportunities for teachers and students?
- **Budget (10)**  
Does the submission package demonstrate a practical grasp of material costs and suggest an innovative implementation plan for constructing the space?



# Judging Rubric:

CRITERIA	3-4 Points	5-6 Points	7-8 Points	9-10 Points
<b>2: QUALITY OF SUBMISSION (10 Total Points)</b>				
<b>Quality of Submitted Materials</b>	Submitted materials are not of sufficient quality to judge how design meets all criteria.	Materials are of sufficient quality but indicate lack of effort or attention to detail.	The technical skill of the submission is high but it does not tell a compelling story.	Submission creates a vibrant, compelling representation of the proposed space.
<b>3: LIKELIHOOD OF IMPLEMENTATION (20 Total Points)</b>				
<b>Practicality of Construction and Maintenance</b>	Design proposes multiple elements that would be impossible or very difficult to implement.	Design does not indicate consideration of installation and maintenance.	Design considers the needs of the client and proposes appropriate elements and materials.	Design shows careful consideration of needs of client and proposes innovative solutions.
<b>Phasing</b>	The design is not broken into phases or proposes construction on a scale that is impractical.	Proposed phasing is not sensible for the construction and use of proposed space.	Proposed phasing is practical & appropriate to the constraints of the project.	Phasing is appropriate and shows attention to the short and long-term usability of the space.
<b>4: DESIGN CRITERIA (50 Total Points)</b>				
<b>Interactivity</b>	The design creates a landscape that does not allow or encourage interaction and learning.	The design creates the opportunity to interact with the space but lacks creativity.	A highly interactive space that engages all five senses and promotes exploration and learning.	Design demonstrates a high level of creativity in drawing people into the space and promoting interaction.
<b>Participatory Design</b>	There is no indication of the design process or how input from the students influenced the design.	Proposal references design process but does not integrate student input.	Proposal references design process and shows integration of student input.	Proposal demonstrates great creativity in integrating student input in final design.
<b>Wildlife Habitat</b>	The design does not attempt to create a habitat for native wildlife.	The design demonstrates a broad consideration for creating habitat.	The design includes specific elements that create habitat for certain species.	Design creates habitat for specific native species in a beautiful and creative way.
<b>Water Use</b>	Proposal shows no consideration of how water is managed and utilized within the space.	Design effectively manages water but does not attempt to utilize within the space	Utilizes rainwater in a way that is effective, beneficial and appropriate.	Utilizes rainwater in a way that is beautiful and creates interactive, education opportunities
<b>Budget</b>	Proposal has no budget for any phase and is completely impractical to install and maintain.	Proposal has a budget but does not reflect accurate cost-estimating.	The initial phase has an accurate budget that is appropriate to the constraints of project.	Budget is accurate and reflects innovative thinking to promote cost-effectiveness.



# Important Addresses:

## **HOTEL:**

(THURSDAY DINNER, ACCOMMODATION & EVENING DESIGN WORKSPACE)

Holiday Inn Kingston Waterfront  
2 Princess St.  
Kingston, ON K7L 1A2  
(613) 547-4496

## **DESIGN SITE: ARCHBISHOP O'SULLIVAN CATHOLIC SCHOOL:**

(DESIGN SITE & FRIDAY CHARRETTE LOCATION)

Archbishop O'Sullivan Catholic School  
974 Pembridge Cr.  
Kingston, ON K7P 1A3

## **ST FRANCIS OF ASSISI CATHOLIC SCHOOL:**

(OPTIONAL TOUR THURSDAY OF OUTDOOR PLAYSPACE)

St. Francis of Assisi Catholic School  
114 Wiley St,  
Kingston, ON K7K 5B5



# Contact Us:

If you have any questions about the Come Alive Outside Design Challenge, please contact:

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For Design Challenge Orientation Materials:  
<https://comealiveoutside.com/design-challenge/>

