

Living Green Wall Contest Guide

Table of Contents

Project Components and Rubric.....	3
List of Potential Plants.....	4
Final Submission Check List.....	6
Contact Information.....	7

Project Components and Rubric

Category	Points	Explanation
Plants	15	- List of plants, reason for choices, likelihood to thrive
Design	20	- List of project materials - Complete and labeled blueprint
Aesthetic	15	-Visually appealing
Innovation	15	- Creativity
Impact	20	- Purpose, benefits and abilities of green wall
Environmental Awareness	10	- Source of Materials (Local, provincial) - Renewable resources - Recyclable - Hypothesize consumption of energy
Maintenance	5	- Hypothesize maintenance procedures over the duration of display period at Science North
	/100	

Structure Details:

- Free Standing
- Width 122 cm; depth 61 cm, height 244 cm
- Any electrically powered equipment must run on a standard 120 volt wall outlet
- Mechanism for watering plants

List of Pontential Plants

Scientific Name	Common Name	Light Level	Moisture Level
Adiatum raddianum	Maidenhair Fern	Low	Moist
Aechmea fasciata	Bromeliad	Medium	Moist
Aeschynanthys radivan	Lipstick	Low	Dry
Aglaonema commutatum	Chinese Evergreen	Low	Moist
Aloe vera	Aloe Barbadensis	High	Low
Asparagus sprengeri	Asparagus Fern	Medium	Moist
Aspidistra spp.	Cast Iron Plant	Low	Moist
Begonia spp.	Begonia	Medium	Moist
Bromeliad spp.	Silver Vase or Urn Plant	Medium	Moist
Calathea spp.	Peacock Plant	Medium	Moist
Chlorophytum comosum	Spider Plant	Low/Medium	Moist
Cissus rhobifolia	Grape Ivy	Medium	Dry
Columnnea spp.	Goldfish Plant	Medium high	Moist
Davallia fejeensis	Deer Foot Fern	Low	Moist/Dry
Dracaena deremensis	Dracaena Compacta	Medium	Moist
Episcia spp.	Flame Violet	High	Moist
Epipremnum pinnatum	Pothos	Low	Moist
Ficus pumila	Creeping Fig	High	Moist
Fittonia spp.	Nerve Plant	Low/Medium	Moist
Gynura spp.	Purple Passion Plant	Medium	Moist
Hedera helix	English Ivy	Medium	Moist
Hemigraphis alternata	Waffle Plant	Low	Moist/Dry
Hoya spp.	Wax Plant	Low	Dry
Lycopodioides	Spike Moss	Medium	Moist/Dry
Nephrolepis exaltata	Sword Fern	Medium	Wet
Orchidaceae	Orchids	High	Moist/Dry
Peperomia spp.	Caperata	Low	Dry
Pilea spp.	Radiator plant	High	Moist
Platycterium spp.	Staghorn Fern	Medium	Moist
Plectranthus spp.	Swedish Ivy	Medium	Moist
Radermachera sinica	China Doll	High	Moist
Saintpaulia spp.	African Violet	Medium	Moist
Sansevieria spp.	Snake Plant or Mother-in-Law	Low	Moist
Sedum morganianum	Burro's Tail	Medium	Dry
Soleirolia soleirolii	Baby's Tear	Medium	Moist
Spathiphyllum podophyllum	Arrowhead vine	Low	Moist

Tradescantia spp.	Wandering Jew	Medium	Moist
Tripogandra multiflora	Bridal Veil	High	Moist
Zamioculcas zamiifolia	ZZ Plant	Medium	Moist

Please submit a report in PDF format (800 words maximum) explaining or listing the following information to coordinator@cleanairsudbury.com by April 20, 2018.

Final Submission Check List		Complete
Registration		✓
Title		
Team		✓
Description		
Complete and labeled blueprint		
Complete list of project materials		
Write up		
Reason for plant choices		
Hypothesize maintenance procedures		
Purpose, benefits and abilities of a green wall		
Source of Materials		
Renewable resources		
Recyclable		
Hypothesize consumption of energy		

Contact

Clean Air Sudbury
176 Larch Street, Suite 305
Sudbury, Ontario, P3E 1C5
Email: coordinator@cleanairsudbury.com
cleanairsudbury.com