

CWSF 2018 - Ottawa, Ontario



Tess Wellington

Here's the Buzz About Bee Houses

Challenge: Environment

Category: Junior

Region: Pacific Northwest

City: Smithers, BC

School: St Joseph's

Abstract: Bees are important pollinators for growing food crops. My project investigates the preferred nesting environment of native bees. I placed four bee houses made of different materials on the windowsill of my tree fort. I found that the bees preferred to nest in the wooden house.

Biography

My name is Tess Wellington. I'm in Grade 7 at St Joseph's School in Smithers, British Columbia. My interests include art and hockey. I was captain of my Peeewe hockey team this past season. I plan a career in a science field but with some time for art. I chose my science fair project after my mother bought a mason bee house. I thought it would be interesting to see what house materials mason bees prefer. I believed that if I could determine this, I could help support bees in my local area by making houses for them out of this material to encourage them to nest there. I plan to study this further by seeing what habitat the bees prefer. I plan to do this by placing identical nests in different ecological environments and studying how many bees visit each nest and possibly, how many species visit each nest. My advice to people planning a project is to start early. This gives you the advantage of being able to modify and improve your project and some projects take a long time to complete, e.g. waiting for bees to build homes.

Awards

Value

Excellence Award - Junior - Bronze Medal Sponsor: Youth Science Canada	
Western University Scholarship Bronze Medallist - \$1000 Entrance Scholarship Sponsor: Western University	\$1 000
Total	\$1 000