WorldWide Telescope Ambassadors Program

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What?
Future-leaning way to teach and learn astronomy concepts

WWT Ambassadors Program
Recruiting, Vetting, Coordination

- Community Presentations
- WWT Tours
- In-school programs

hosted/promoted by WGBH
“I never knew programs like this could even exist. It’s just amazing.”
–Clarke Middle School 6th grade student

More quotes from Clarke 6th Graders

“It gave me a better mental map of the universe.”

“Awesome, amazing, cool, incredible (repeat 30 times)”

“Learning about our Universe by actually seeing and exploring it makes it easier to contemplate and more fun.”

“You can explore the Universe yourself and you don't always have to only learn from the teacher.”
Michelle Bartley interviews her 6th-grade science class about WWT
December 23, 2009
Gains in Student Interest and Understanding
(“Traditional Way” vs “WWT Way”)

**Group B (Traditional)**

- What is your level of interest in Astronomy?
- What is your level of interest in Science?
- How much **factual knowledge** do you have about astronomy?
- How much **understanding** do you have about topics in astronomy?
- How well can you **visualize** Sun-Earth-Moon relationships?
- How interested are you in using a real **telescope**?

**Group A (With WWT)**

- Effect Size: Gain (or Loss) in Units of Pre-Test Standard Deviation
  (Error bars show ±1 Standard Error of the Mean)
### Student Understanding of Moon Phases

(“Traditional Way” vs “WWT Way”)

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<tr>
<th></th>
<th>Q1: Memorization</th>
<th>Q2: Understanding</th>
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<tbody>
<tr>
<td></td>
<td>Group A (WWT)</td>
<td>Group B (no WWT)</td>
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<tr>
<td>(N\textsubscript{A}=79; N\textsubscript{B}=71)</td>
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Where?
Public spaces and schools in a variety of regions

Pilot  Boston Area; Dallas-Ft Worth, TX
Phase I candidates  Tucson, AZ; Seattle, WA; Appalachia; Gainesville, FL;

Phase II: US-wide; Phase III: International
How can I get involved, you ask?

wwtambassadors.org

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