



WorldWide Telescope Ambassadors Program

Alyssa Goodman

*Harvard University Professor of Astronomy,
WGBH Scholar-in-Residence, Microsoft Academic Partner*

Annie Valva

WGBH Interactive, Director of Research & Development

Pat Udomprasert

WWTA Program Director

Michelle Bartley

WWTA Pilot Partner Teacher

Curtis Wong

MSR, WWT Creator

Jonathan Fay

MSR, WWT Principal Architect



What?

Future-leaning way to
teach and learn
astronomy concepts

data,
literature,
media

WWT

WWT Ambassadors

Community
Presentations



hosted/
promoted by

WGBH

In-school
programs





Clarke Middle School, Lexington, MA (WWT Ambassadors Pilot School)



“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.”

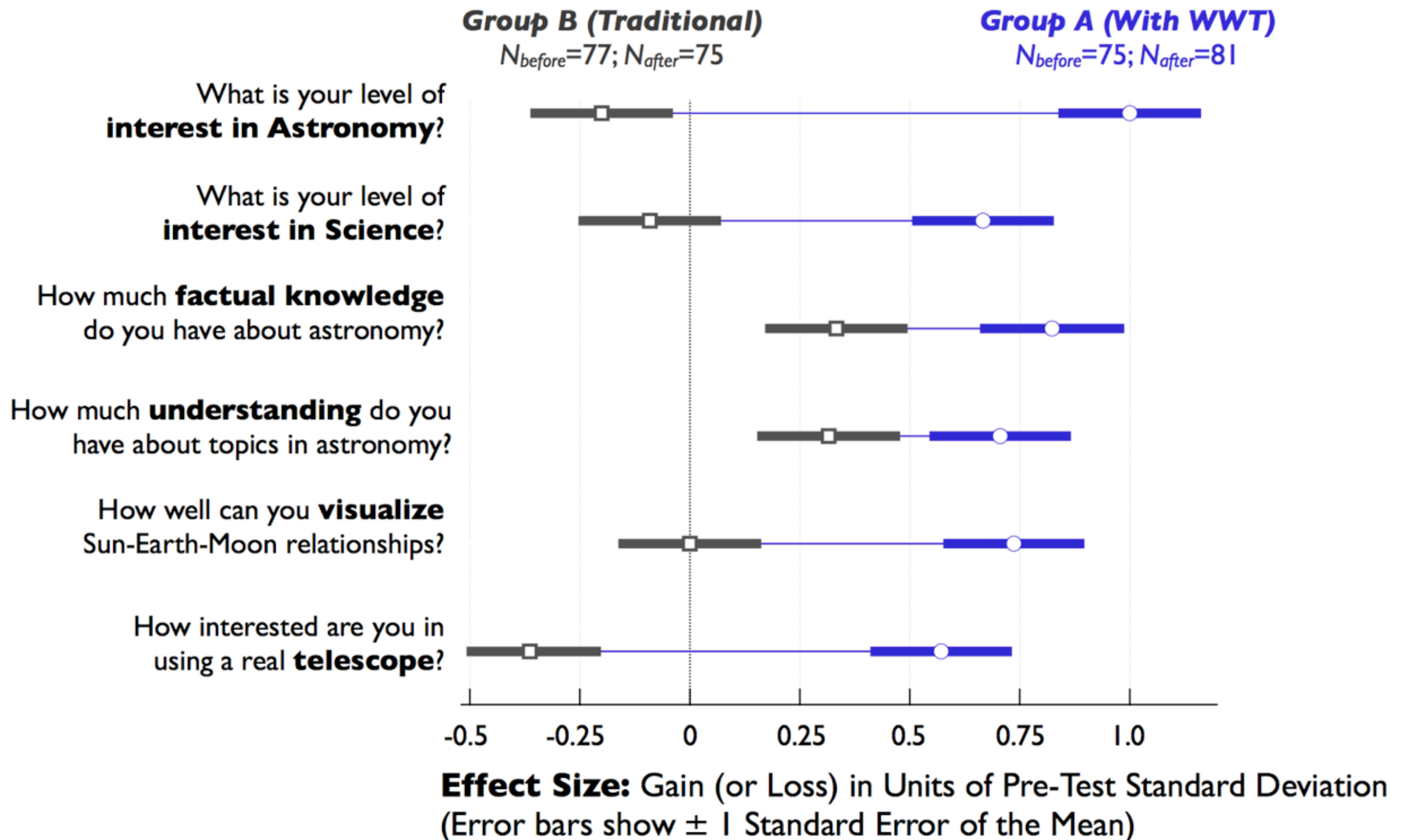
“You can explore the Universe yourself and you don't always have to only learn from the teacher.”



Michelle Bartley interviews her 6th-grade science class about WWT
December 23, 2009

Gains in Student Interest and Understanding

(“Traditional Way” vs “WWT Way”)



Student Understanding of Moon Phases

(“Traditional Way” vs “WWT Way”)

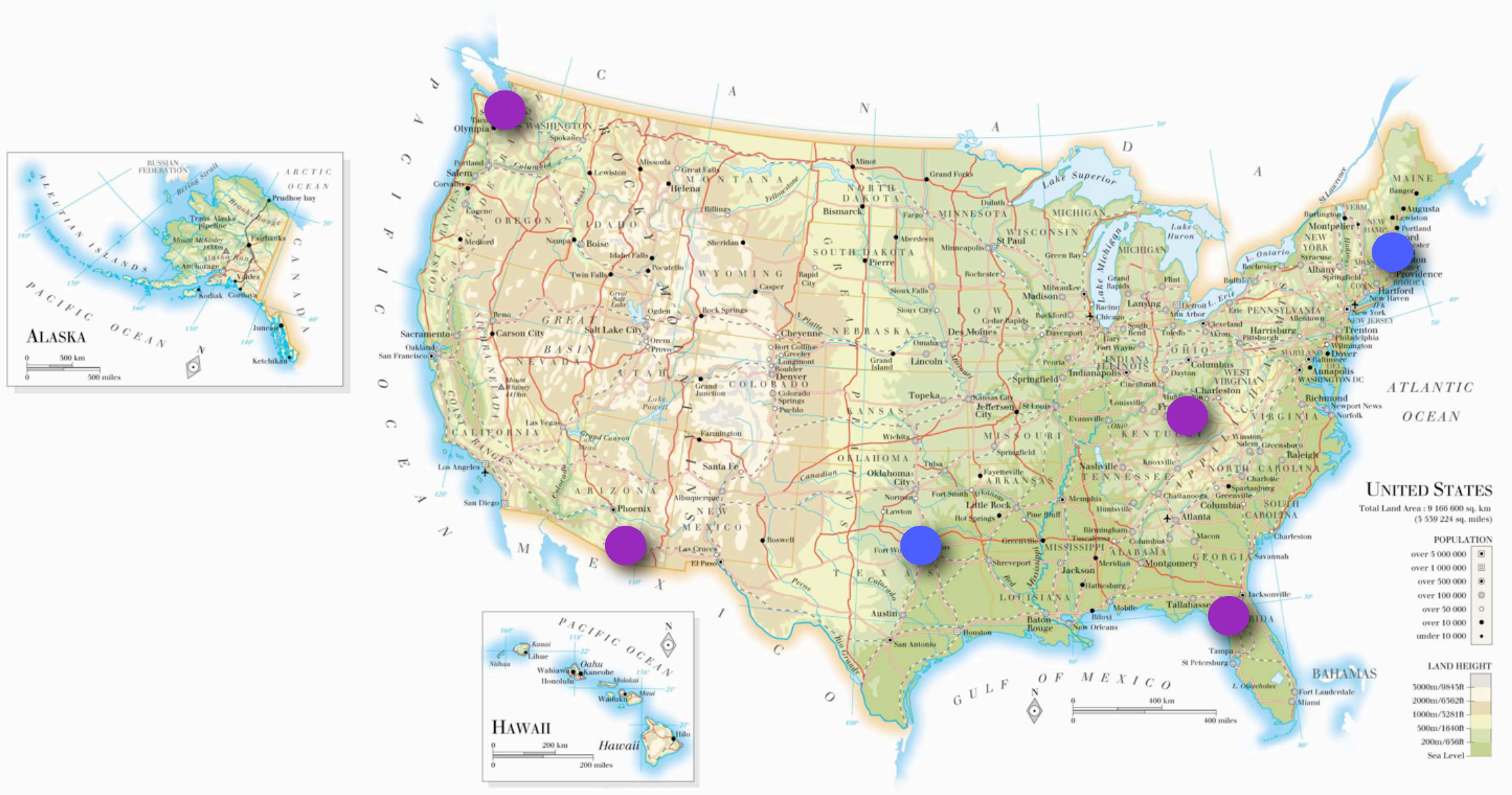
(N _A =79; N _B =71)	Q1: Memorization		Q2: Understanding	
	Group A (WWT)	Group B (no WWT)	Group A (WWT)	Group B (no WWT)
Incorrect	7%	5%	38%	65%
Partially Correct	31%	33%	21%	16%
Correct	62%	61%	41%	19%

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

email:

pudompra@cfa.harvard.edu

Community
Presentations



In-school
programs

