

# Tinkering Workshops to Enhance Year 9 Boys' Curiosity

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# The Action Research Project



# Curiosity Score

- Curiosity and Exploration Inventory
- Adjectives Checklist



# Curiosity and Exploration Inventory

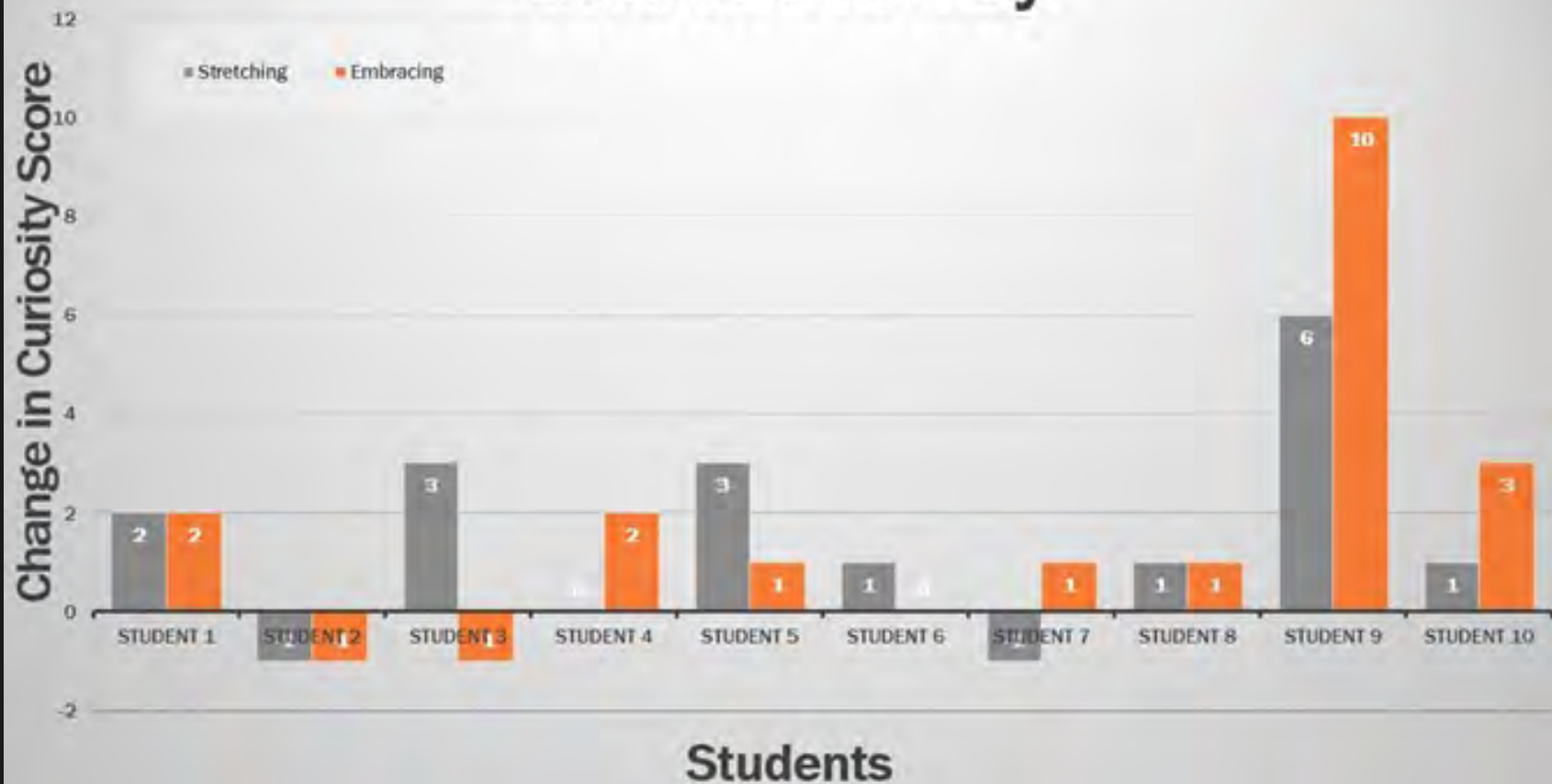
1. I actively seek as much information as I can in new situations
2. I am the type of person who really enjoys the uncertainty of everyday life etc....

Trait Curiosity was established over two factors:

- **Embracing:** Willingness to embrace the novel, uncertain and unpredictable nature of everyday life
- **Stretching:** Motivation to seek out and knowledge and new experiences



# Student Survey





# Adjectives Checklist: Self Assessment

**Start of Day One:** Students presented with a checklist of fifty adjectives. Circled the ones which best described them at the moment.

- 30 which are indicative of curiosity
- 10 which are contra-indicative of curiosity
- 10 which help disguise the purpose of the checklist

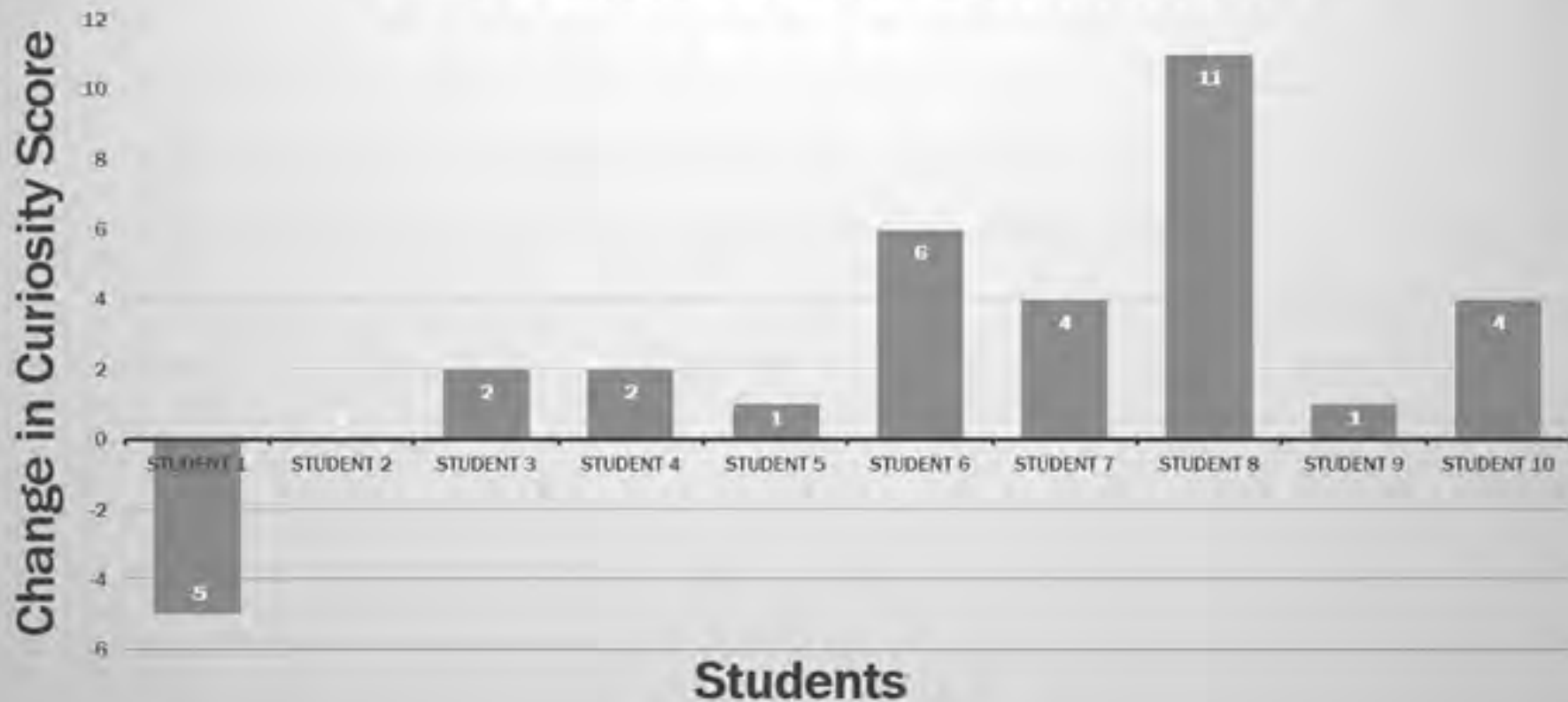
**End of Day Two:** Same checklist completed by students.

Curiosity score was calculated on difference.





# Student Self Assessment

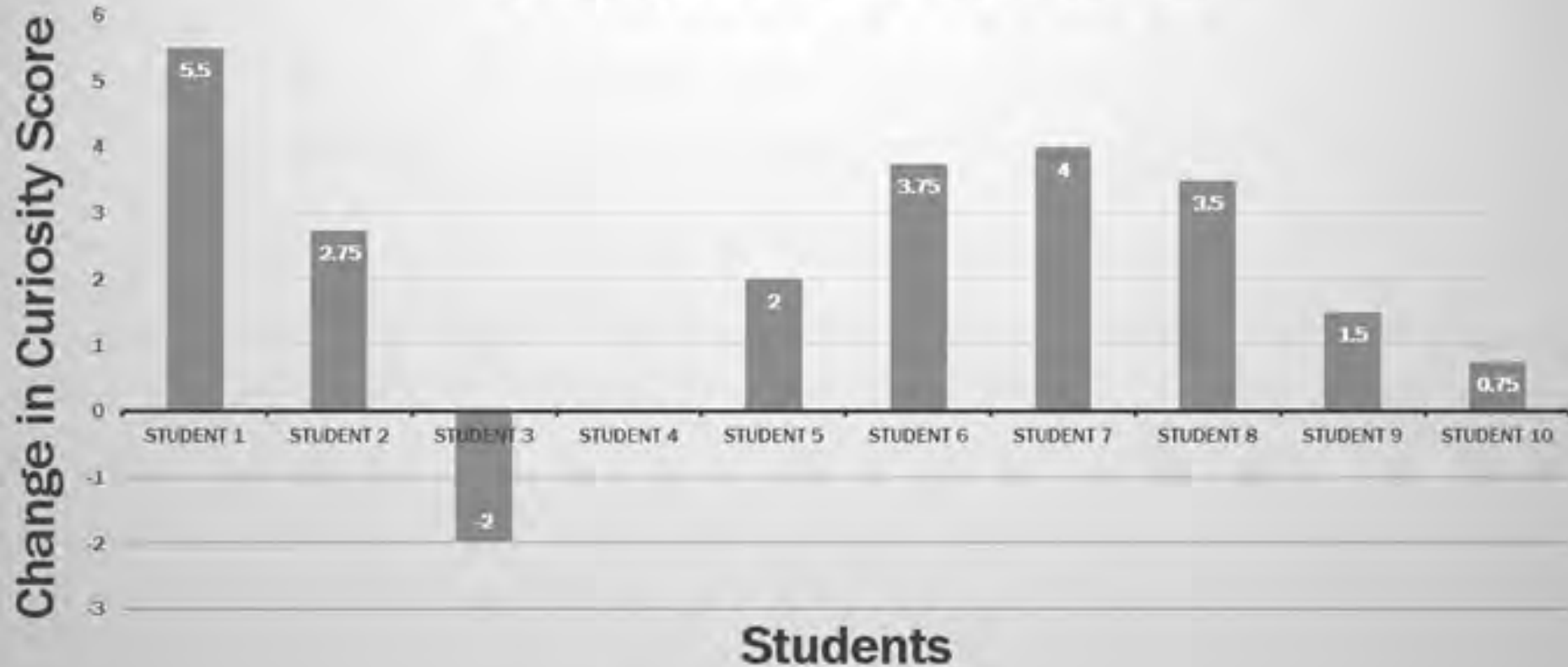


# Adjectives Checklist:Teacher Observation

- 6 Teachers took observations using the Adjectives Checklist
- 8 Observations in total were taken over the two days
- Average curiosity scores were created for each day
- Scores from Day 1 to Day 2 compared



# Teacher Observation



# The Boys' Voices



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# THANK YOU

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