Determining if Students are “Competent Vectors” of Our Message at Home

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Determining if Students are “Competent Vectors” of Our Message at Home

Equipment & Materials: EZ-Vote Polling + Follow-up Survey

- Records and saves data
- Follow-up “Family Feedback” survey queries parent/guardian about same concepts after student returns home following our classroom visit
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2018-2019 Academic Year
• 7 schools in San Gabriel Valley (Los Angeles County)
• Sample size: 772 students, Grades 1 – 6
• 3 pre-program questions asked to determine:
  1) Baseline knowledge of mosquitoes as vectors
  2) Baseline knowledge of mosquito-bite prevention strategy
  3) Baseline knowledge of core concept of CA NGSS addressed (varied by grade)
• Same 3 questions asked, post-program
• Paper survey sent home with students
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Classroom Content Results: EZ-Vote Polling showed a 21% gain in knowledge.
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Results: Family Feedback Survey

✓ Family Feedback survey data: Our core messages were communicated by the student to a parent 81% of the time.
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Results of 213 Surveys Returned:
The majority relayed key aspects of our main messages on reduction and prevention to an adult in the household.
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Facilitate Learning While Doing Assessment

✓ Distilled message to easy-to-translate concepts
✓ Conducted In-class Pre- and Post-tests
✓ Conducted a post-programmatic survey of students’ families to determine if verbal and printed information is being “transmitted”

Advantages in Polling System

✓ Hits multiple sensory targets
✓ Connects learning to emotion (through competition and excitement)
✓ Records and saves data
✓ Provides comparable data between classes, grades, and schools
✓ Provides tangible feedback on program to agency, schools and boards
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Determining behavior change at home...? To be continued!

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