



McHenry District 15 Middle School Science Adoption

Exploration of Multiple Resources

- Teachers Curriculum Institute
- Houghton Mifflin Harcourt
- McGraw Hill

Science Adoption Goals

- Replace 20 year old text books
- Integrate textbooks AND a user friendly online platform
- Enable students to use phenomena to explore scientific concepts that align with the NGSS standards
- Encourage students to use critical thinking skills to problem solve real life issues
- Give teachers a cutting edge online resource that will continually update
- Adopt a program that enables teachers to differentiate for students with additional learning needs (SPED, 504 Plan, SES, EL, SAIL)

Choosing TCI

- TCI was the unanimous decision amongst 21 science teachers.
- 426 students were surveyed across three grades with 78% of them preferring TCI.

Student Feedback

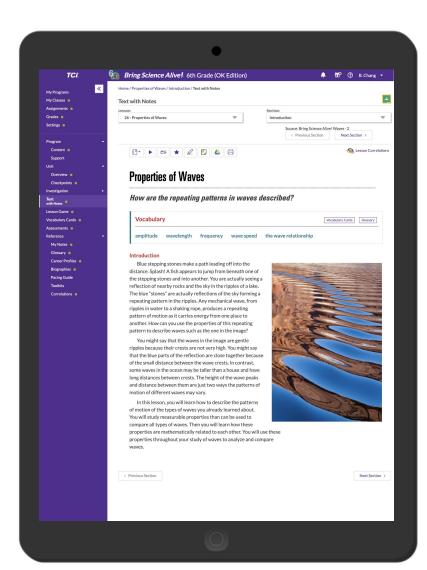
- "I like the options that TCI gives you such as, games, notes, easy access to assignments and more!"
- "I really enjoy TCI! I have a lot of fun with it in class, and I learned a lot from it too. It isn't
 difficult for me to get there, and it is easy to find everything for the website."
- "I like the games on TCI, and I liked diagnosing JJ." (students were asked to diagnosis a patient as part of an assessment in the cells and human body unit)
- "I liked TCI, HMH didn't give as much detail such as the BB, Bb, bb alleles which I thought was interesting."
- "I really hate reading, like I can't focus enough to read but somehow TCI keeps me engaged."

Reading Support

Interactive Student Notebook

Digital Simulations

Vocabulary Cards





Check for Understanding

Lesson Review Games

Career Profiles

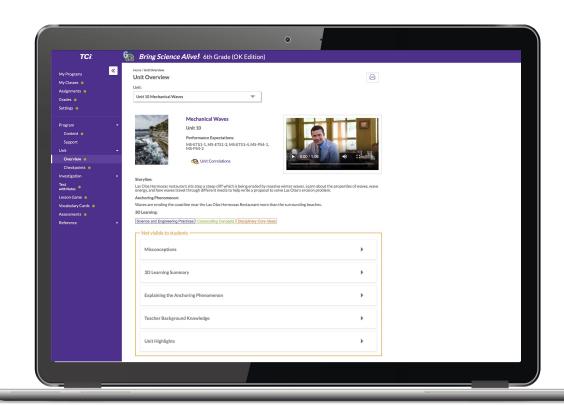




Lesson Guides

Lesson Support

Sign-in as a Student



Assessment Builder

Online Gradebook

LMS Integration

MAKING SENSE OF PHENOMENA

Anchoring Phenomena



Unit: Mechanical Waves

The waves are eroding a cliff below a restaurant more than the surrounding beaches.

TREADMENT AND THE STATE AND TH

Lesson Phenomena



Lesson 4: Waves in Different Media

The sound of your finger tapping on a desktop seems much louder and lower pitched than when you press your ear to the desk.

Performance Assessment

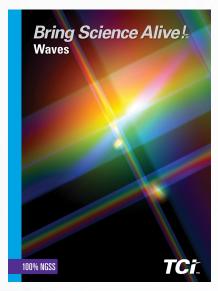


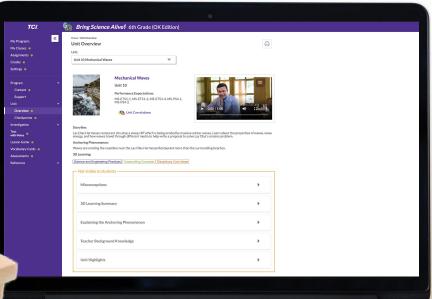
Saving the Las Olas Hermosas Restaurant

Using what you have learned from the unit come up with a solution to Guillermo's problem and save the Las Olas Hermosas Restaurant

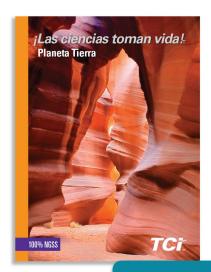
PROGRAM COMPONENTS







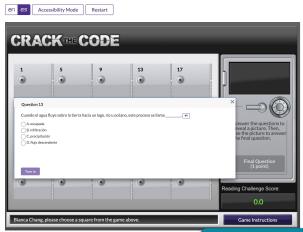
Spanish Components



Reference Text



Lesson Guide/ Investigation

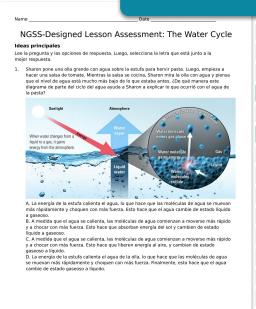


Lesson Review Games



Text with Notes

Assessment



transpiración

Vocabulary Cards



Recommendation for Approval of Teachers' Curriculum Institute (TCI) for the Middle School Science Adoption