

The background of the slide features a dark blue gradient with faint, light blue circular patterns and lines, resembling a celestial map or a scientific diagram. On the left side, there are several concentric circles and arcs, some with numerical labels like 150, 160, 170, 180, 190, 200, 210, 220, 230, 240, 250, and 260. There are also small arrows and dots scattered throughout the design.

MYSTERY SCIENCE

RESOURCE FOR SCIENCE
INSTRUCTION IN THE CLASSROOM

BOE - COMMITTEE OF THE WHOLE

10-4-16

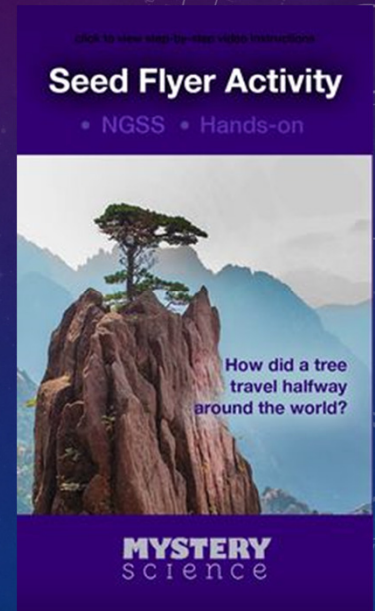
THE HISTORY IN D34

- TEACHERS AT W.C. PETTY BROUGHT THE RESOURCE TO THE DISTRICT'S ATTENTION LAST YEAR – OTHER TEACHERS IN GRADES 2-5 BEGAN USING IT.
- DURING SUMMER WORK, PLTW TEACHERS LOOKED AT STANDARDS COVERED IN MYSTERY SCIENCE UNITS AND PLTW MODULES AND THEN CREATED ALIGNMENT CHARTS.

THE APPROACH

MYSTERY SCIENCE PROVIDES A LARGE NUMBER OF READY-MADE SCIENCE LESSONS, ON SUBJECTS FROM BIOLOGY TO ASTRONOMY TO GEOLOGY. TEACHERS SELECT THE LESSON THEY WOULD LIKE AND SIMPLY HIT “PLAY”.

EACH LESSON IS ORGANIZED AROUND A FOCUS QUESTION (E.G. “HOW DID A TREE TRAVEL HALFWAY AROUND THE WORLD?”)



THE APPROACH

THE LESSON BEGINS WITH A SHORT INTRODUCTORY VIDEO, LAYING OUT THE LESSON'S FOCUS QUESTION. THE VIDEO IS FOLLOWED BY DISCUSSION QUESTIONS FOR THE TEACHER TO USE WITH THE CLASS.

FINALLY, THE LESSON ENDS WITH A HANDS-ON ACTIVITY DESIGNED TO HELP STUDENTS FIND THE ANSWER TO THE FOCUS QUESTION. EACH ACTIVITY COMES WITH INSTRUCTIONS AND A LIST OF MATERIALS NEEDED.

IMPLEMENTATION

MYSTERY SCIENCE IS A BROWSER-BASED TOOL, AND CLASSROOM VIDEOS ARE INTENDED TO BE PROJECTED FOR THE WHOLE CLASS TO SEE.



EACH LESSON TAKES APPROXIMATELY 45-60 MINUTES OF CLASS TIME – TYPICALLY DIVIDED ACROSS TWO CLASS PERIODS.

MATERIALS & COST

INITIALLY, THIS WAS USED AS A FREE RESOURCE. THE DISTRICT DECIDED TO PURCHASE A LICENSE AT A RATE OF \$500 TO GAIN ACCESS TO THE PREMIUM CONTENT.

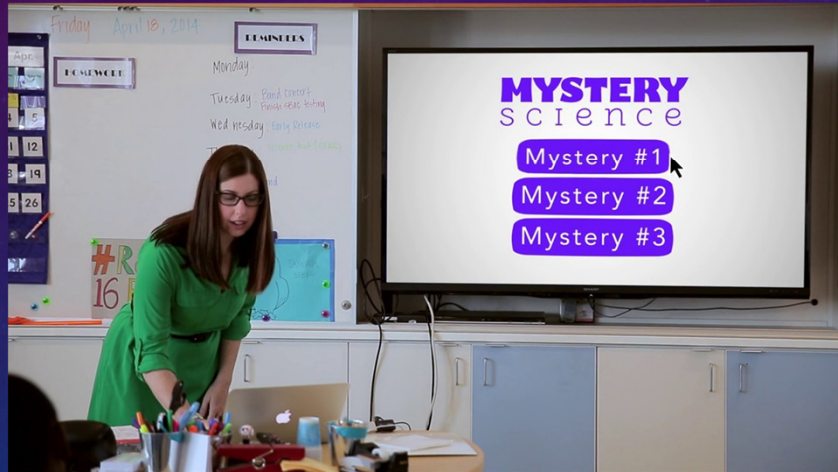


SCIENCE CURRICULUM RESOURCES

HANDS-ON
NGSS-ALIGNED
COMMON CORE ALIGNED



MYSTERY SCIENCE OVERVIEW



[CLICK TO VIEW VIDEO](#)

SNAPSHOTS FROM THE FIELD

