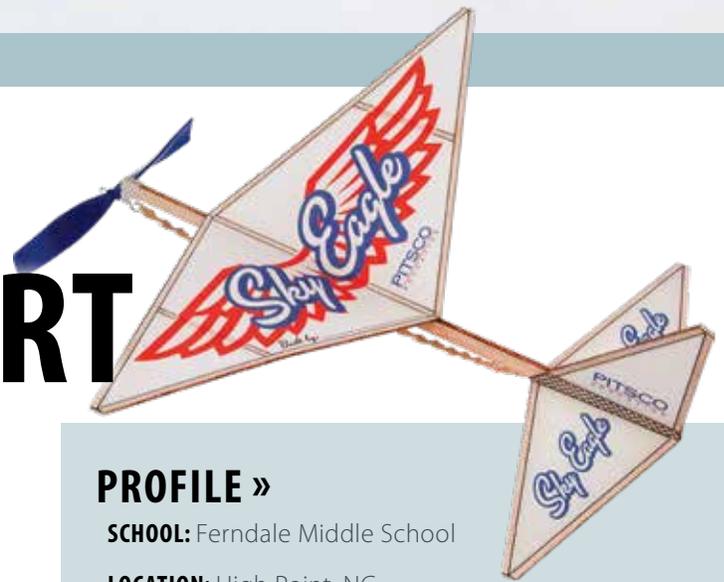




SKY EAGLE VS DELTA DART



Read how teachers and students are finding success with Pitsco Education products in their classrooms

At Ferndale Middle School in High Point, North Carolina, middle school teacher Kimberly Forbes conducted a classroom activity with Pitsco's Sky Eagle and Delta Dart. Students had to build and test-fly their airplanes. Half of the class worked with the Delta Dart and the other half with the Sky Eagle.

HOW WAS THE PITSCO PRODUCT USED IN THE CLASSROOM?

Mrs. Forbes had students complete this activity as a culminating classroom project while they were studying a unit on flight. She had the students divide into two groups. One group built the Sky Eagle and the other the Delta Dart.

PROFILE »

SCHOOL: Ferndale Middle School

LOCATION: High Point, NC

TEACHER: Kimberly Forbes

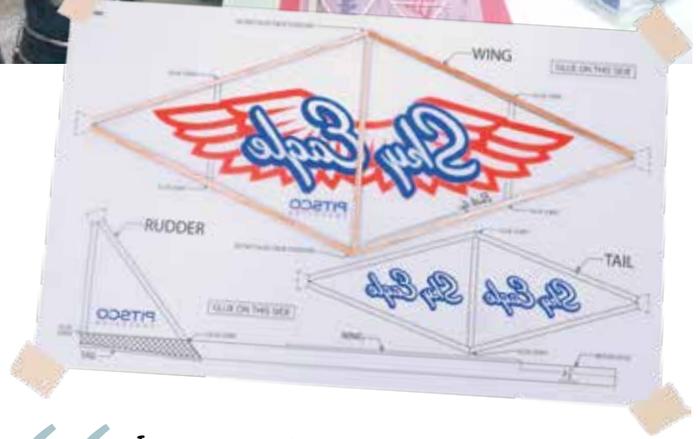
GOAL: For the students to build and test planes to experience the effects of flight and to analyze why some planes flew better than others

Students were allowed to change variables of the planes to see whether it helped or hindered the flight. In the gymnasium, some students were allowed to launch from the ground and others stood on a ladder to see if there was an impact.



“ I APPRECIATED THE ABILITY TO COMPARE THE SKY EAGLE TO THE DELTA DART. STUDENTS WERE SHARING ADVANTAGES AND DISADVANTAGES OF EACH WITH ONE ANOTHER. ”

– Kimberly Forbes, teacher



“ I AM A HANDS-ON TYPE OF PERSON SO I REALLY ENJOYED THIS PROJECT. I LIKED PUTTING THE SKY EAGLE TOGETHER AND FLYING IT. ”

– Kamyron, seventh-grade student

WHAT WERE THE SUCCESSES/CHALLENGES DURING THE ACTIVITY?

One of the successes was having the students complete the unit and having a hands-on project that demonstrated the concepts that they had learned. Another success was having the students engaged and excited about the project. One of the big challenges was having the students read and follow the directions. They were reluctant to read and wanted Mrs. Forbes to give them step-by-step guidance.

WHAT EDUCATIONAL VALUE DID THIS ACTIVITY AND PRODUCT BRING TO THE STUDENTS?

The hands-on aspect is invaluable, according to Forbes. Having a project that students created and could take home gave them a sense of pride and ownership. It gave them practical application to concepts they had learned. Mrs. Forbes thought it gave students a different level of understanding as well.

HOW DID THE STUDENTS INTERACT WITH/RESPOND TO THE PRODUCT AND ACTIVITY?

The students interacted well with the activity and provided valuable feedback as well. Some frustration came when they

were flying the planes, and some of them crashed and broke. Some of the students wanted to give up, but Mrs. Forbes insisted that they make repairs and continue with the activity.

WHAT WERE THE DIFFERENCES BETWEEN THE SKY EAGLE AND THE DELTA DART?

In Mrs. Forbes' feedback, she thought the materials were different. The Delta Dart materials were not see-through on the paper wings. Students had a harder time reading the directions that were written on the Delta Dart wings. Mrs. Forbes observed the students with the Sky Eagle were more pleased with their plane's performance than the students with the Delta Darts per the results of the flight testing data.

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