



Grade Four Projects This Year



We are an
Apple Lab

- **Keyboarding;**

- A core component of computer class is the instructions of proper touch-type keyboarding, expanding beyond the home row. The goal of this instruction is to help students become proficient at typing, minimizing the development of bad keyboarding habits that will hamper them in the future.



- **Writing:**

- We learned more about word processing and editing
- Our biggest writing project of the year was our Child Labor unit. We are a former mill town, and students have learned that poor children of old had difficult lives, having to work a variety of difficult and dangerous jobs. Each child selected a photo from 130 years ago and imagined themselves as that child.
- Google For Education: Students learned how to log into their personal Google Drive in which they saved some classroom research as well as writing they did outside Tech class, such as their writing for Newspaper Club.



- **Database:**

- Using Open Office (a free suite of software) students built a database, learned about fields as well as how to manipulate and sort them.



- **Design Engineering:**

- Using West Point's CAD engineering software, students explored bridge design, learning about design elements, structures, load management and cost.
- Using mapping software, students researched the area and discovered what comprised their own watershed. Using PowerPoint, students then compiled their information into a slide show.



- **Coding :**

- All students participated in the Hour of Code and experienced opportunities to explore coding puzzles throughout the year.
- Students continued their learning of a new coding language developed at MIT, called SCRATCH. Using the software, students created their own video games, creating their own backgrounds, characters which were then programmed to play against each other using both scoring and a timer, all of which was student-generated and original.



- **Web:**

- We use a variety of Websites, all pre-selected and vetted
- Students built on their ability to navigate the Web
- Students build language and math skills, as well as explore science related sites to support the classroom curriculum



Amesbury Elementary School

20 South Hampton Road Amesbury, MA 01913