

# Pleasant Valley Hour of Code

## For Girls and Boys in 3<sup>rd</sup> and 4<sup>th</sup> grades

The PVHS Women in STEM club is proud to provide a free after school opportunity for students in 3rd and 4th grade called “Hour of Code”. The Hour of Code is a brief introduction to computer science, designed to demystify code and show that anybody can learn the basics of computer science. By starting early, students will have a foundation for success in future computer-related classes offered in junior high and high school as well as in any 21st century career path. This class will nurture problem-solving skills, logic and creativity in ways that will inspire them to keep learning.

In this class, **students will meet in the school library either October 3<sup>rd</sup> (3<sup>rd</sup> grade) or November 7<sup>th</sup> (4<sup>th</sup> grade). Students may register individually or in teams of 2 if they want to work together with a friend.**

They will create an account at [code.org](https://code.org) and participate in one or more modules with 3 different themes: Minecraft, Star Wars and Frozen. We will use the lessons found at <https://code.org/learn>

Girls and boys of all backgrounds and abilities are encouraged to participate in this fun learning opportunity. Also, this class is geared toward ALL students and every ability level is welcome. It does not matter if you have had any past experience or have a current understanding of what coding entails. We will provide a positive environment where all students will feel comfortable exploring new technology. Students are expected to show the computers, volunteer instructors and teammates the highest level of respect.

**Cost of the class is FREE** of charge thanks to the Women in STEM club volunteers.

**Volunteers are vital to the success of this program** - if you can help at all, please let us know! No experience is necessary!! Please contact Megan if you are able to volunteer.

If you have any questions or would like more information, please contact Women in STEM advisor/HS teacher – Megan Bildner ([bildnermegan@pleasval.k12.ia.us](mailto:bildnermegan@pleasval.k12.ia.us)).

### What is the Hour of Code?

- 1 **A self-guided activity for students of all ages**, kindergarten and up. Tutorials will work on a browser, tablet, smartphone, or even with no computer at all.
- 2 **No experience needed** from teachers and students
- 3 **Tutorials will feature** lectures from Mark Zuckerberg and Bill Gates, and artwork from popular games Angry Birds and Plants vs. Zombies.
- 4 **An effort to demystify code**, and change the conversation around computer science.

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**Please register ONLINE no later than MIDNIGHT on the SUNDAY prior to the program date. Use the following links to register:**

3<sup>rd</sup> grade: <https://tinyurl.com/18193rdHoC>

4<sup>th</sup> grade: <https://tinyurl.com/18194thHoC>

Applicants will be notified by the Monday evening prior to the program about their placement and/or the need for additional adult coaches/volunteers.

Learn more about the Hour of Code program at [www.code.org](http://www.code.org)