

# PINHEAD INCREASES EDUCATION FOR NORWOOD, WEST END

*Technology  
opportunities  
for youth*

By REGAN TUTTLE  
*Editor*

Last Thursday afternoon, at both Norwood and Naturita Public Libraries, children 8 years and older came together for Pinhead Institute's Cyber Clubhouse. With instructor Suz Remeck, kids used iPads to learn entry-level computer coding, the basics for learning to build websites and computer games.

The class runs on Thursdays throughout May and is a first-time opportunity for Norwood and the West End.

Pinhead Institute is a Smithsonian Affiliate based in Telluride that strives to promote science education both locally and globally.

Executive Director Sarah Holbrooke said she thinks many kids in all communities don't have access to computer coding education, and she's excited to bring the knowledge to Norwood and Naturita.

"We have great instructors that can run out there and with the iPads ... it makes it fun for the kids, and it's a great way to get into programming and developing."

Holbrooke said that Pinhead is now increasing its programs in Norwood and the West End. That includes No-School Science Class for youth on Fridays.

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## *Pinhead increases education*

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This Friday, at Norwood Public Library, kids in kindergarten through fifth grade can perform experiments with air pressure — or a lack of — in an event called "Why Your Unopened Bag of Potato Chips is About to Explode." The class is free from 3:45 to 4:45 p.m.

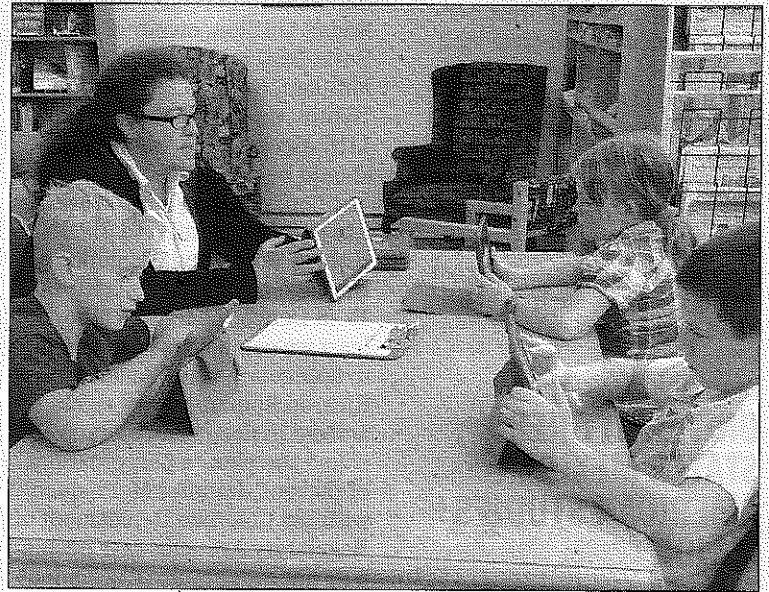
According to Holbrooke, the number of No-School Science Classes has now doubled for Norwood and Naturita and will include computer coding.

"It's a pleasure to partner with them, and we are trying to bring more and more in there as much as we can," she said.

Pinhead Institute Communication Director Karen James has been hard at work promoting the 2015 summer camp offerings.

One of those includes the first-ever Intro to Computer Programming Boot Camp for students in fifth grade and higher. In a five-day camp, Pinhead will have kids building computer games with the program Scratch and developing websites using HTML, CSS and JavaScript. They'll also practice traditional programming with JavaScript.

"In our summer camps, we have a lot of great programs going on," James said. "And in col-



Through Pinhead Institute, Suz Remeck teaches kids at Norwood Public Library computer coding with iPads May 7. (Photo by Janet G. Spor)

laboration with Telluride Academy, this year we have seven co-camps with them."

Some of those include full- and half-day camps where students make robots, experiment with 3-D printing and design bridges using engineer skills.

For a full schedule of all Pinhead's spring and summer events, visit [pinheadinstitute.org](http://pinheadinstitute.org).

In continuing to work with Norwood and West End youth,

Holbrooke said she's especially proud of former students who previously interned with Pinhead to travel and study at other destinations.

"We've had great kids," Holbrooke said. "Chris Anderson of Norwood went on to Harvard, Kyle Rasmussen of Norwood is at CSU in film and Brandon Morgan of Nucla is at Yale. Pinhead sent these kids to other institutions for research."

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