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Prestonwood Christian Academy North makes learning fun with STEM program

PROSPER, Texas—Prestonwood Christian Academy North uses the STEM program to make learning fun by constructing a miniature golf course.

PCA North officially opened on June 4, 2014. A ribbon cutting ceremony was held to celebrate the grand opening. “The Kingdom education program at Prestonwood Christian Academy North provides biblically-based training for future generations who will impact the world for God’s glory,” Head of School Dr. Larry Taylor said. Dr. Taylor has been the Head of School for PCA since 2000.

“The excitement about PCA North is incredible,” PCA North Principal Donna Gilson Leadford said. Leadford served as principal to the Lower School at the Plano campus from 2000-05 and is now serving as the first principal for PCA North.

STEM stands for Science, Technology, Engineering and Math. This program focuses on integrating liberal arts with real-world application. STEM is used on both of PCA’s campuses.

Fifth and Sixth-grade students at PCA North divided into groups of two-three. They chose a theme from a predetermined list and were given a 6-by-8-foot piece of green carpet to build on.

Students started the process creating a blueprint of their putting green. They had to include eight different angles, geometric shapes, perimeter, area and degree of angles. Students used these blueprints to construct their putting green with the help of parents.

Each group was assigned to a classroom where they set up their course. The Middle School students played their course to define “par.” The Lower School students were invited to play the course the next day.

The Middle School students became the teachers to the Lower School students on the “STEM Mini-Golf Day.” They added an academic component to the Lower School students’ game. They required the students to answer a different review question at each hole. The correct answer had to be provided before the students could play that hole.

STEM is a great way to make learning fun for students. For more information on the STEM program visit, <https://www.prestonwoodchristian.org/academics/stem>.

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