The **Accelerated Weekend Experience (AWE)** provides academically talented students in grades 5 through 8 a full, single weekend to **explore an area of study in depth** with an expert in the field.

- Gain insight into careers in math, science or technology.
- Engage with like-minded peers and motivating instructors.

AWE courses run Saturday and Sunday from 9 a.m. to 2:30 p.m. Courses are offered in partnership with host sites, most often a school or community organization.

A Sampling of Popular AWE Courses include:

- Alice 3D Programming
- Aviation
- Cognitive Neuroscience
- Cryptography
- Digital Imaging
- Forensic Science
- Java Computer Programming
- Marine Biology
- Pure Mathematics
- Robocode
- Veterinary Medicine

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Accelerated Weekend Experience
Grades 5–8

Area AWE Alert!
Center for Talent Development

Exciting AWE courses scheduled near you!

February 13 – 14, 2016, at Pilgrim Park Middle School
Elm Grove, WI • 9 a.m. – 2:30 p.m. each day

ROBOCODE
For Students in Grades 5–6
Learn Java programming through robot battles! Designed by a software engineer at IBM, Robocode is an Open Source game designed to teach students Java by writing software that controls a miniature tank. Digitally deploy robots to a battlefield where they compete against others in the class, and even worldwide. Strings, threads, trigonometric functions, ticks, loops, class loaders and more will be discussed and explored as students develop their programming skills.
Subject area: Technology

PROGRAMMING C++
For Students in Grades 7–8
Prerequisite: Algebra I
This course provides an introduction to learn C++, the language professionals use to create games and develop programs for music, business and finance as well as statistical analysis programs. Students demonstrate newly mastered skills producing a game suitable for multiple players. Students learn:
• An Introduction to the C++ programming language.
• To create a simple game and RPGtype programs.
• How to download and use a C++ compiler.
• How to declare variables, work with strings, loops and decision making structures.
• To perform simple animation of characters.
Subject area: Technology

Courses fill quickly, apply online today.
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Admission Criteria: A recent score at the 90th percentile or above in reading or math on a nationally normed test. Students without the requisite test scores may apply using an admission portfolio. Apply early as courses do fill up. Cost: $255 per 2-day course