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

ctd.northwestern.edu/awe
847/491-3782 ext. 4 • awe@northwestern.edu

Center for Talent Development (CTD) at Northwestern University is a 501 (c)(3) non-profit organization.
Area AWE Alert!
Center for Talent Development
Accelerated Weekend Experience
Grades 5–8

Exciting AWE courses scheduled near you!

February 27 – 28, 2016, at Manteno High School
Manteno, IL • 9 a.m. – 2:30 p.m. each day

ALICE
For Students in Grades 5–6
Create virtual worlds and interactive games with the 3-D programming tool Alice 2.0 in this weekend course. Students develop a sample project from the ground up, while learning about object-oriented programming concepts and standard programming statements similar to those in Java, C++ and C#. By manipulating 3-D objects in Alice, students experience programming constructs. Students gain:
- Experience with the Alice software applications.
- An understanding of object-oriented programming.
- An ability to manipulate 3-D objects and animations.
- Exposure to C++ and Java syntax and logic.
- Knowledge required to complete a virtual world project.
Subject area: Technology

BIOTECHNOLOGY
For Students in Grades 7–8
Biotechnology is an exciting and rapidly developing area of science. Learn how this field is helping improve society on many levels. Topics that may be covered include: genetic engineering, transgenic organisms, cloning, stem cell research, and DNA fingerprinting. Through labs, debate, and discussions, examine the relationship among these topics, along with the economic, social, and medical impact on society.
Subject area: Science

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