**Summer STEM Camp ~ July 23 – Aug 12, 2023**

**Sample Courses**

**Grades 6-8**
- Theories of Time Travel:
  - Spacetime Physics and Wormholes
- Catapults to Curveballs:
  - The Physics of Projectile Motion
- Chemistry: The Essential Element
- Smart Cities: Reimagining Urban Infrastructures
- Geometry & Spatial Sense

**Grades 9-12**
- Biopsychology
- Green Technologies: The Hue of the Future Fundamentals of Mathematical Modeling
- Discrete Mathematics
- Astrophysics
- Biotechnology
- Chemistry in Society
- Geometry Through Art
- The Golden Ratio: Nature’s Number

**STEM Excursions**

**Academic Trips**
- National Aquarium in Baltimore
  - Baltimore, MD
- Maryland Science Center and Planetarium
  - Baltimore, MD
- Smithsonian Institute National Aerospace and Aeronautics Museum
  - Washington D.C.
- IFLY, Inc.
  - Baltimore, MD
- Johns Hopkins University
  - The Whiting School of Engineering
  - Baltimore, MD
- Academy of Natural Sciences at Drexel
  - University Philadelphia, PA

**Recreational Trips**
- Guppy Gulch Quarry
  - Delta, PA
- Hershey Park
  - Hershey, PA

**Schedule**

**Weekdays**
- 8:00 – 8:55: Breakfast
- 9:00 – 10:30: First Academic Period
- 10:40 – 12:10: Second Academic Period
- 12:10 – 1:10: Lunch
- 1:15 – 2:45: Third Academic Period
- 3:00 – 5:00: Afternoon Activity
- 5:15 – 6:15: Dinner
- 6:30 – 8:00: Academic games or Study Hour
- 8:00 – 9:30: Evening recreation
- 9:30 – 10:30: In Dorm
- 10:30: Lights Out

**Weekends**
- 8:00 – 9:00: Breakfast
- 9:15 – 4:30: Field Trip
- 5:00 – 6:00: Dinner
- 6:30 – 9:30: On campus recreational activities
- 9:30: In Dorm
- 10:30: Lights Out

For more information email West Nottingham Academy’s STEM Director at stem@wna.org

1079 Firetower Road  ▪  Colora, MD 21917  ▪  www.wna.org