

Northview WINTER 2021 Youth Enrichment

BRICKS 4 KIDZ

Bricks 4 Kidz || (616) 438-9993 || segner@bricks4kidz.com

Northview Community Education || (616)365-6176 || NVcomed@nvps.net

THESE WINTER (JAN/FEB) PROGRAMS HAVE BEEN DELAYED TO BEGIN 1 WEEK LATER THAN POSTED DATES. PLEASE EMAIL US WITH QUESTIONS.

WHEELS IN MOTION - VIRTUAL

Class Description: *These wheels are ready to roll! Students will use LEGO® Bricks, axles, pulleys, gears, and motors to build a variety of models on wheels. Some are familiar vehicles, such as a fire engine and delivery truck. Others are more spectacular, such as the Rescue Robot and K-9 Bot. We'll explore concepts of speed and force, and gain non-vehicle knowledge from the unconventional Wheels in Motion models as well. Let's roll!*

Grades: K - 5th grades

-Beginners - K, 1st, 2nd grades

-Intermediate - 3rd, 4th, 5th grades

Dates/Times: Each class is approximately 1 hour long. Please log into your class 10 minutes before start times with the link emailed to you by the Bricks 4 Kidz instructor.

- Mondays: Jan. 11, 18, 25, Feb 1, 8, 15
 - Beg: 3:45pm
 - Inter: 5:00pm
- Tuesdays: Jan. 12, 19, 26, Feb 2, 9, 16
 - Beg: 4:00pm
 - Inter: 6:00pm
- Wednesdays: Jan. 13, 20, 27, Feb 3, 10, 17
 - Beg: 3:45pm
 - Inter: 5:00pm
- Thursdays: Jan. 14, 21, 28, Feb 4, 11, 18
 - Beg: 6:00pm
 - Inter: 4:00pm

Cost: \$85 per 6 week class

Students must have their own Brick Kit. Material purchase information can be found below.

Registration: To register please email the following to NVComEd@nvps.net

Payment information will be sent to you once you are registered

- Name of Class you are registering for
- Student Name and Grade
- Parent Name, email and phone number
- Email to send Class Zoom Link if different from parent email

CAD DESIGN CLASS - VIRTUAL

Class Description: *These Zoom classes will instruct students on how to build models with a virtual project kit using an online LEGO brick building platform called Studio 2.0, downloaded to your computer. There are NO additional materials needed for this class. The model will be built in a virtual computer setting, very much like engineers do every day! Classes meet weekly for 6 weeks with a different theme each week.*

Grades: K - 5th grades

-Beginners - K, 1st, 2nd grades

-Intermediate - 3rd, 4th, 5th grades

Dates/Times: Each class is approximately 1 hour long. Please log into your class 10 minutes before start times with the link emailed to you by the Bricks 4 Kidz instructor.

- **Mondays:** Jan. 11, 18, 25, Feb 1, 8, 15 - Beginner only - 3:45pm
- **Tuesdays:** Jan. 12, 19, 26, Feb 2, 9, 16 - Intermediate only - 4:15pm

Cost: \$85 per 6 week class

Students must have their own Brick Kit. Material purchase information can be found below.

Registration: To register please email the following to NVComEd@nvps.net

Payment information will be sent to you once you are registered

- Name of Class you are registering for
- Student Name and Grade
- Parent Name, email and phone number
- Email to send Class Zoom Link if different from parent email

MATERIAL COSTS

If Participant needs to purchase or rent a Project Kit, motor, and battery pack please use this link to order and pay for them. <https://www.cognitofrms.com/Bricks4Kidz/NorthviewPublicSchools>

- New Project Kit - \$100
- Used Project Kit - \$75
- New motor and battery pack- \$22 (may be purchased on Amazon for \$28)
- Used motor and battery pack - \$18
- Rental of materials - \$25+\$50 deposit returned when materials are returned in good condition

ANGRY BIRDIES' LAWS OF MOTION - IN PERSON

Class Description: *Introduce kids to physics, namely Newton's Laws of Motion, Angry Birdie style! Who says physics is boring?!? As we launch birdies with the goal of destroying pigs, we will use models that illustrate the concepts of inertia, force, mass, acceleration, while observing that every action has an equal and opposite reaction. In addition to building from our engineering model plans, children attending in-person classes will be given the opportunity to design and build models of their own, as well as the opportunity for extended activities using our 3-D plans, mosaics, and other STEM-based discovery materials.*

Grades: K - 5th grades

Dates/Times: Wednesdays: Jan. 13, 20, 27, Feb 3, 10, 17 @ 3:00pm (TIME PENDING)

Each class is approximately 1 hour long

Location: Northview High School (Room TBD)

Class sizes are limited

Cost: \$85 per 6 week class - All materials are provided for in-person classes

Registration: To register please email the following to NVComEd@nvps.net

- Name of Class you are registering for
- Student Name and Grade
- Parent Name, email and phone number

Payment information will be emailed to you once you are registered.

Northview EARLY SPRING 2021 Youth Enrichment

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CAREER EXPLORATION - IN PERSON

Class Description: *Looking to make a difference in the world? Want to explore different ways to be a part of your community? Bricks 4 Kidz programs are designed to let you live out your dreams. Come build with us while you dream about becoming an engineer, doctor, astronaut or more!*

Grades: K - 5th grades

Dates/Times: Wednesdays: March 3 - April 17 (omitting Spring break week) @ 3:00pm (TIME PENDING)

Each class is approximately 1 hour long

Location: Northview High School (Room TBD)

Class sizes are limited

Cost: \$85 per 6 week class - All materials are provided for in-person classes

Registration: To register please email the following to NVComEd@nvps.net

- Name of Class you are registering for
- Student Name and Grade
- Parent Name, email and phone number
- Payment information will be emailed to you once you are registered.

Additional details and payment options will be emailed back to you, as well as any last minute changes to the schedule.