

Spring 2022 BSPS home school offerings

Bicycle repair, 2 sections

## **Bicycle Mechanics for homeschool students.**

Bicycle repair and rehabilitation.

Students may rehab their own bike or we have some available at low cost.

Instructor: Tom Hurst

Class time:     Section 1   Monday 4:15 -6:15  
                      Section 2   Wednesday 12:30 - 2:30 PM  
First class     January 17 or 19   Continue for 8 weeks

Location: Cycle Re Cycle Bicycle Shop. 159 E. Napier, Benton Harbor, MI

Ages 19 and up, Ability to work independently required.

Minimum 6 students, Max 8 per section,

A program of Cycle Re Cycle. A non profit dedicated to improving the lives of Southwest Michigan residents by promoting bicycles and cycling throughout the community.

Students spend time in the shop learning to rehabilitate bicycles and do basic repairs. As the class progresses, students will have the opportunity to select a bicycle to rehabilitate as their own or work on one from home.

Skills covered will include: Repairing and replacing tires, tubes and wheels, Brake maintenance, Drivetrain repairs and tuning, Adjusting proper fit, replacing and adjusting cables, replacing safety and comfort items, lubrication and bearing maintenance. At the conclusion of the class students should have the skills needed to maintain their own bicycle and assist others.

## **Woodworking**

Instructor: Tom Hurst

Class Time Classes star week of January 24

Exact time and day will be determined after sign up. The class can operate with a minimum of 5 students per section that can agree on a time. Class will operate for 7 weeks of 2hr 45min sessions.

Minimum 5, max 8 students per section.

Location: To Be determined. Instructor will contact you after enrollment.

Ages 8 and up, Must have maturity and focus to do patient, detailed work. Beginners are welcome as well as advanced students. Students may be dropped off, Parents not required to stay.

This class will make a furniture project. The group will make a decision at the first class meeting. Having all students work on similar projects helps assure success. Topics of instruction will include wood turning on the lathe, Shaping soft woods with planes, spokeshave and draw knives, mortise and tenon joinery, wood movement and selection. The class will utilize a mix of hand and power tool woodworking, Time will be invested on skill development and project completion. At the conclusion of the class you will have a sturdy, detailed project that will likely be in your family for generations.

## **Personal Finance** for Middle school age and homeschool families.

Junior Achievement, Finance Park

Teacher: Tom Hurst

Location: Cycle Re Cycle, Community Room, 159 E. Napier, Benton Harbor. Or other location to be determined based on group size.

Ages: Target age is 11-18, Younger allowed with parent present or instructor permission.

High school and Middle school students will have separate programs.

Class time Wednesday 3:00 PM - 4:15. For 10 weeks Starting January 19, 2022.

Competition Date April 29.

Minimum 6 students, No max.

Here is a program for students to learn real world economic skills that apply to their own lives now and in the future. The activities will include application for the students PBL essential questions. Tom will assist with the integration of the weekly assignments and connections to other classes. Additional Extension activities are available for home study if desired, The complete description is available in the links below.

Teens don't often think about paying a water bill, buying health insurance, or saving for retirement, but at JA Finance Park they do. The daylong visit to this simulated, fully interactive business park brings their in-class learning to life. Students receive family scenarios, complete with job title, marital and family status, income, existing savings, and existing debt. Then they visit park businesses to explore their options and better understand the items based on their assigned family needs and then go shopping. They must purchase items to meet the needs of their family, such as insurance, clothing, transportation, housing, groceries, and childcare—without spending more than they earn.

Tom is highly qualified to teach this program following years of middle and high school teaching where business and personal finance concepts were blended into agricultural and industrial education activities.

Specific activities.

- Identify personal interests, skills, work preferences, and values.

- Identify career interests.
- Evaluate the risks and benefits of saving and investing.
- Evaluate risk and recognize insurance as a way to minimize it.
- Define taxes; explain their purpose; and understand how they affect everyone.
- Explain the advantages and disadvantages of using credit and debit cards.
- Explain who uses a budget and why.
- Identify the components of a successful budget.
- Create a successful budget using hypothetical life situations

Participation in the daylong Finance Park activity at the fairgrounds is required.

## New River Gorge, West Virginia

### A family wilderness adventure

Instructors: Colleen & Tom Hurst, Loonling Learning  
Loonling.lc@gmail.com

June 12 - 16, 2022, trip dates.

Pre trip meeting January 27, February 24, and April 28. 4th Thursday  
6:00 PM, Berrien Springs Schools, exact location to be determined.

We can work with families on date conflicts for pre-trip meetings.

Counts as two classes. Nature or PE and communications.

Parent rate \$450

Non partnership student \$600

#### Description

A family wilderness adventure to the New River Gorge National Park area.

Rafting, Hiking and exploring the natural and human heritage of this rugged country.

Activities will include hiking, rafting the New River with experienced guides, camping and exploring the natural beauty of this unique component of our National Park system.

Students will present to the group on our last evening together. The presentations will be very flexible.

Essential questions for virtual requirements will be a component of pre-trip meetings.

Students may work with siblings and we will provide guidance. Tom and Colleen will be available throughout the spring semester to provide assistance. You will need to respect the partnership deadlines and check in with mentor teachers as with other classes.

Trip includes age appropriate whitewater rafting trip on the New River, Guided hikes and nature activities, Entrance fees and river use fees for National and State parks, camping fees, most food, guides. Use of tents, pads if needed, and group cooking gear. Families will self transport to the starting point near Fayette WV.

- January 27. Organizational meeting, trip description, activity planning, Discussion of gear, activity level and risks.
- February 24. The New River gorge, stories, adventures, heritage, program slideshow
- April 28 The gear meeting. Tents, pads , sleeping gear and day packs. River wear and hiking.
- May Final trip planning, getting there, final packing list, carpooling, physical Conditioning. May be virtual or by telephone.
- June 12. Sunday, Travel to the starting point. Arrive at campground by 6:00 PM for dinner. Direct travel time is about 8 hours. Evening activity at campground.
- June 13 Monday, Canyon Rim Visitors Center, New River Gorge Bridge. Endless wall Trail Hike
- June 14. Tuesday, Rafting the New River Gorge. Ages 10 and under Upper New River Ages 11 and up Lower New River. Families can decide who goes on each trip. Return to Campground and then hang out or disperse for an evening in Fayette or Hico. Prep time for communications presentations. Dinner on your own.
- June 15 Wednesday, Babcock State Park, outstanding edge of gorge hiking, historic grist mill, Day hikes on park trails. Views into the New River Gorge and Manns creek, mountain laurel, Rhododendron, old growth forest and waterfalls. Evening, group presentations.
- June 16 Thursday, Morning, Depart for home with Family after breakfast







