



RON BURTON TRAINING VILLAGE

2020 STEM Journey for Girls

A hands-on, project-based learning experience for 5th -11th grade girls to increase their exposure and access to Science, Technology, Engineering and Math (STEM).

Journey Highlights:

- Field trips to STEM-based companies and organizations
- Mentorship from STEM professionals
- Exposure to Colleges and Universities
- Emphasis on leadership, physical fitness and spiritual development
- August 2020 program kickoff week at the Ron Burton Training Village
- 8 hands-on STEM experiences between Aug 2020 - June 2021
- Free SAT/ACT Prep
- Transportation provided
- No-Cost to participating families



Desired Candidates:

- Are currently 5th -11th grade girls
- Seek advancement in STEM disciplines
- Are driven & possess a high degree of intellectual curiosity

2020 Journey Theme

UN Sustainability Goal: Zero Hunger



Application Deadline:
April 29th

info@ronburtontrainingvillage.org



Ron Burton Training Village

2020 STEM Journey Description

Ron Burton Training Village

The mission of Ron Burton Training Village (RBTV) is to enrich the lives of challenged youth in the areas of dynamic character and leadership development, physical fitness, social and educational advancement, and spiritual growth. Over the past thirty-three years we have served more than 9000 young men and women in their spiritual, physical and educational growth.

Science, Technology, Engineering & Math (STEM) Journey

A journey of exploration and innovation enriched by spiritual, physical and character development to create a self-aware and forward-thinking STEM leader. Our desire is to promote STEM interest among children and to empower them to create positive generational change for their families.

STEM Journey Curriculum

The journey is a seven-year, hands-on project based learning experience designed to increase exposure and access to STEM. The years' journey will start with a week long overnight kickoff at the Village. Participants will then complete eight uniquely designed experiences throughout the Greater Boston area and at the Village that focus on Science, Technology, Engineering or Math. Each year (for 7 years) the girls will learn about and experience a new topic in the STEM field. In addition to the academic component, the journey will expose participants to physical fitness and spiritual growth while improving their leadership and communication skills. The journey will conclude with a weekend overnight experience at RBTV where participants will complete a capstone project that requires use of the technical and soft skills previously learned. The 2020 topic is "Zero Hunger" where we will look into the themes of Food Deserts, Food Insecurity and Positive Body Image.

Below are the 2020 journey details. If selected, participants are required to attend all experiences unless prior approval is granted by RBTV.

- 1 overnight week in August 2020
- 1 Saturday a month September - November 2020, February - May 2021
- 1 Capstone overnight weekend in Early June 2021

Journey Participants & Application Process

The journey is open to current **5th-11th grade girls**. All applicants must submit an application. If you are selected to the next round, an interview is required. We are looking for candidates who:

- *Seek advancement in STEM disciplines*
- *Are driven & possess a high degree of intellectual curiosity*

February 10: Applications open

April 29: Applications close

May 29: All applicants notified of status



Application Form: <http://bit.ly/2020RBTVSTEM>

Questions: info@ronburtontrainingvillage.org

www.ronburtontrainingvillage.org