ABOUT ASSEMBLE

Founded in 2011, Assemble is a nonprofit organization and community space for arts and technology education located in Pittsburgh’s Garfield neighborhood. At our core, our mission is to build confidence through making. We do so by uniting communities of artists, technologists, makers, and learners alike.
Assemble’s hands-on S.T.E.A.M. curriculum promotes curiosity, problem-solving, discussion, and makes connections between S.T.E.A.M. and the everyday. Assemble works with teachers to put lessons into action.

Our existing curriculum is designed to support teachers in the classroom by matching the Next Generation Science Standards (NGSS) K–12 science content standards. This three-dimensional approach allows us to collaborate directly with existing curriculum and in creating new lesson plans when needed.
ASSEMBLE YOUR SEMESTER

We recognize that the 2020-2021 school year is going to be different for everyone. For the safety of our students and staff, Assemble Off Site programs will be limited to online learning. Assemble educators will tailor the program to the schedule requirements of individual classes as needed during school closures.

Choose from a variety of S.T.E.A.M. programs to provide hands on learning in your classroom. The following slides will showcase our most popular themes. These themes can be tailored in length and content depending on your school and classroom requirements.
ASSEMBLE
OFF-SITE PROGRAMS
2020-2021

Please note all requests for programs must be confirmed a minimum of 15 days prior to the requested program start date.
AFROFUTURISM

Afrofuturism is the reimagining of a future filled with arts, science, and technology as seen through the African Diaspora. Learn about the developing intersection and experience of Black people from around the world.

Past, present, and future lives inspire an entire world of possibilities that looks just like YOU!

SAMPLE TOPICS

History
Identity
Art
Technology

Please note all requests for programs must be confirmed a minimum of 15 days prior to the requested program start date.
Are you curious about virtual reality and making your own rules? Game Design explores game mechanics, story development, and solution planning by making our very own game.

**SAMPLE TOPICS**

- Visual Thinking
- Collaboration
- Computer skills
- Problem solving

*Please note all requests for programs must be confirmed a minimum of 15 days prior to the requested program start date.*
We’re learning about local media makers as we reinvent the future of storytelling through digital comics, meme-making, puppetry, and more!

Do you have a story to share?

SAMPLE TOPICS

- Visual thinking
- Story + character development
- Collaboration
- Computer skills

Please note all requests for programs must be confirmed a minimum of 15 days prior to the requested program start date.
MAKE IT!

Calling all after-school artists, budding engineers, and young makers!

We’re learning through making, testing out wild ideas, and building a better future. Students explore the wonderful world of STEAM with hands-on activities and dreaming up creative inventions.

SAMPLE TOPICS

- Basic mechanics
- Physics
- Hand tools
- Engineering design

Please note all requests for programs must be confirmed a minimum of 15 days prior to the requested program start date.
CREATIVE CHEMISTRY

Bring the Next Generation Science Standards to life in your classroom through chemistry! Supported by PPG Foundation, this interactive and creative program focuses on different ways that chemistry is behind all aspects of science.

SAMPLE TOPICS

Photosynthesis
Molecules + organisms
States of matter
Fossil fuels

Please note all requests for programs must be confirmed a minimum of 15 days prior to the requested program start date.
SUPER HEROES ASSEMBLE!

We're harnessing the superpowers that exist in nature. Design, prototype, and make your own costumes and gadgets fit for an adventure.

Your secret identity is safe with us!

SAMPLE TOPICS

Identity  Fiber arts
Circuitry  Scientific Method

Please note all requests for programs must be confirmed a minimum of 15 days prior to the requested program start date.
Partner with Assemble today!

To request Assemble Off-Site Programs or to request more information about aligning with specific curriculum please email or call

Ja'Sonta Roberts
Off-Site Programs Manager

ja’sonta@assemblepgh.org
412-661-6111

Please note all requests for programs must be confirmed a minimum of 15 days prior to the requested program start date.