Staff Packages Offered for Access to the STEAM Network

Staff Educator Certification: Virtual Training
Our Staff Educator Certification offers a full teaching staff an introduction to STEAM and allows them to take it in their own direction. The training includes an introduction to STEAM theory, program and classroom establishment, as well as help in creating personalized STEAM lesson plans and student portfolios.

This contract provides a discounted rate based on the number of educators in your group. All staff members will receive online accounts to complete their video supported virtual training based on the membership level purchased by the Program. Our Tier 4 Membership level allows educators to become trained in STEAM theory, development and practicum through our full set of training videos (about 7 1/2 hours total runtime) plus transcripts, program documents, and one-year access to our STEAM Lesson Plan Bank. Tier 5 Membership includes additional help writing custom STEAM lesson briefs which result in having a STEAM Certified Staff.

General Educator Certification Training for all the packages above includes:
- Virtual Training - Theory and Reasoning
  - Introduction to the STEAM framework
  - Review of epistemology and pedagogy of STEM/STEAM
  - Learn about the commons of the subjects
  - Class management tactics –behavioral & interdisciplinary
  - Meeting extensions for all types of learners
  - Review of previous examples of STEAM projects and programs
  - Developing Curriculum Maps
- Virtual Training - Practicum & Plan Creation – Personalized for Optional On-Site Training
  - Reasoning for and how to create STEAM Teams for educators and students
  - Examples of STEAM themes& interdisciplinary PBL projects –hands-on
  - Program sustainability considerations and tactics
  - Partnerships, sponsorships and grants advice
  - Community Outreach structure and STEAM school events
  - Lesson plan creation/expansion based on benchmarks

*Please contact us at bookings@steamedu.com for pricing.
*Additional On-Site consulting days can be added to this contract.

STEAM On-Site Training = Tier 3: Granted to all those attending a STEAM On-Site Training. This tier is not for sale, but is included in the price of our STEAM Staff Training Packages listed here.
**Program Certification**
We offer a transition support Program Certification to implement the paradigm shift to become a STEAM school as a supplement to a STEAM certified staff. It generally takes 3-5 years to transition a school program to fully adopt and use a new paradigm. The first year of a school's transition is key to building the foundation and some schools prefer more support during that time. We now offer a fully virtual Program Certification package. However, most of our programs have traditionally chosen to bring the STEAM Education staff on-site for the benefit of customized professional development, as well as curricular help and support. While we highly recommend on-site visits, they are no longer required for Program Certification. The virtual Program Certification package is available for programs who are unable to accommodate on-site visits and instead requires the Program to provide photos and videos of the program as well as potentially schedule Skype time with the STEAM Education staff for support during first-year implementation.

This contract provides the option to add-on to a staff training package to become a STEAM Certified Program through a Program Portfolio Review, which proves excellence in implementing the STEAM Education framework. The program must meet the requirement of a 90% certified educator minimum and the program objectives outlined by the STEAM Education Staff. Programs have the option of choosing a fully virtual training package or requesting additional on-site days.

For those schools that have already completed our Program Certification, see **Program Certification Renewal** details below.
*Please contact us at bookings@steamedu.com for pricing.*

Please visit our website at [http://steamedu.com/programs/certification-training](http://steamedu.com/programs/certification-training) for detailed information on our trainings.

Membership Packages Offered for Access to the STEAM Network:

**STEAM Theory = Tier 1**
Documents, Videos & Chapters 1-9. This includes the basis of the development and theory behind the use of STEAM and the basics of the “who, what, how and why” of defending the epistemological reasoning for its development and use with educational programs. *This is the equivalent of the introductory book that could be used as the basis of a program or a theoretical course about the history and ongoing development of STEAM education. It is considered a pre-requisite for those involved in implementing a program. It includes all updates to these documents for a year and access to those in the network.*
  o  Theory and Reasoning
    o  Introduction to the STEAM framework
    o  Review of epistemology and pedagogy of STEM/STEAM
    o  Learn about the commons of the subjects
    o  Class management tactics – behavioral & interdisciplinary
    o  Meeting extensions for all types of learners
    o  Review of previous examples of STEAM projects and programs
    o  Introduction to Developing Curriculum Maps

**STEAM Program Creation = Tier 2**
Documents, Videos & Chapters 1-18. *This includes the documentation to create a STEAM program from framework to lesson plan creation. It includes all updates to these documents for a year and access to those in the network.* This option is useful for an administrator or a single educator. This Tier allows the licensing for a single classroom or a homeschooling group. *Educational programs, formal or informal and domestic or foreign private or governmental agencies, need a site license to use these materials systemically, in whole or in part.*
  o  Practicum and Plan Creation
    ▪  Developing Curriculum Maps
    ▪  Theme discussion from Curriculum Maps
    ▪  Reasoning for and how to create STEAM Teams for educators and students
    ▪  Examples of STEAM themes & interdisciplinary PBL/RBL projects – hands-on
    ▪  Program sustainability considerations and tactics
    ▪  Partnerships, sponsorships and grants advice
    ▪  Community Outreach structure and STEAM school events
    ▪  Lesson plan creation/expansion based on benchmarks

**STEAM Curricula-Lesson Plan Bank**
Documents, Videos & Chapters 19-27 and Lesson Plan Bank access. *This Tier includes access to the vetted lesson plan bank* that is regularly added to. We are currently working on improving and streamlining this process and should have more up consistently soon. This Tier allows the licensing for a single classroom or a homeschooling group. *Educational programs, formal or informal, and domestic or foreign private or governmental agencies need a site license to use these materials systemically, in whole or in part.*

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**STEAM Individual Educator On-Site Certification Training** = Tier 3

This tier is not for sale, but is included in the price of our Individual Educator Certification Trainings. Includes Documents, Videos & Chapters 1-27 and Lesson Plan Bank access. We have on-site professional development trainings throughout the year across the United States that educators can attend to learn to use the STEAM framework. This training includes instruction and help creating STEAM programs and writing STEAM lesson briefs; it results in the opportunity to submit the requirements to be a STEAM Certified Educator. Administrators and individuals or small groups of teachers, museum curators, camp directors and home-school coordinators are the primary attendees at these camps.

**STEAM Virtual Training** = Tier 4

Documents, Videos & Chapters 1-27 and Lesson Plan Bank access. Includes access to all training videos plus transcripts and corresponding documents to help frame a STEAM program and access to the growing bank of lesson plans. This Tier allows the licensing for a single classroom or a homeschooling group. *Educational programs, formal or informal and domestic or foreign private or governmental agencies, need a site license to use these materials systemically, in whole or in part.*

**STEAM Virtual Certification** = Tier 5

Documents, Videos & Chapters 1-27 and Lesson Plan Bank access. Includes access to all training videos plus transcripts and corresponding documents to help frame a STEAM program and access to the growing bank of lesson plans. This membership level includes STEAM certification reviews of your lesson plan. This Tier allows the licensing for a single classroom or a homeschooling group. *Educational programs, formal or informal and domestic or foreign private or governmental agencies, need a site license to use these materials systemically, in whole or in part.*

**Using the STEAM Framework**

- STEAM is a framework for teaching FUNctional Literacy that is based on natural ways of learning and is customizable for all types of educators and students. It has been successfully implemented in PK-12, college classes, museums, after-school programs and with rehabilitation and dementia patients. STEAM is adaptable, benchmarked, and easily reinforces the standards in unique and engaging ways. STEAM ties the subjects to each other in an interdisciplinary way as well as to the business and professional world. It is a life-long career and life-readiness way of educating and learning that is adaptable to the rapidly changing global world we live in.