

Da Vinci Innovation Academy Glossary of Terms



Attendance Verification Form

This form is required by independent study and auditor regulations as a means of verifying that a student completes minimum standards for work completed each day he or she receives instruction during designated learning days (M-F during the academic year, not including official school holidays).

CGI

Cognitively Guided Instruction

CGI is an approach (not a curriculum) to teaching mathematics. This approach focuses on listening to children's mathematical thinking and using it as a basis for instruction.

CPM

College Preparatory Mathematics (Cores 4 and 5)

CPM is centered on the beliefs that initial learning of a concept is best supported by discussions within cooperative learning groups guided by a knowledgeable teacher, integration of knowledge is best supported by engagement of the learner with a wide array of problems around a core idea, and that long-term retention and transfer of knowledge is best supported by spaced practice or spiraling.

Cohort

Every student at DVIA is part of a cohort. Cohorts are defined by a student's on-campus days: Monday/Thursday or Tuesday/Friday

Core

Multi-age Grouping and Looping

Students at Da Vinci Innovation Academy will learn in mixed-age clusters. Students will typically stay 2 years in each Core.

- Core 1: K
- Core 2: 1-2
- Core 3: 3-4
- Core 4: 5-6
- Core 5: 7-8

CST/STAR (California Standards Test/Standardized Testing and Reporting)

As a public school, we are required to participate in all California state-mandated testing. This includes the 2nd-11th grade STAR test, the 4th and 7th grade Writing Test, 5th and 7th grade Physical Fitness Test, CELDT test for English Language Learners and the CAHSEE (California High School Exit Exam) for 10th graders.

DP (Digital Portfolio)

Each Core teacher has a digital portfolio or website that can be accessed by parents at any time. The DP provides families with pertinent information needed for work journals, projects, and accessing resources.

DRA (Developmental Reading Assessment)

This assessment is used to best determine a child's independent and instructional reading levels.

DVIA

Da Vinci Innovation Academy

Exhibition

Exhibition is one of the pillars of DVIA's project-based learning philosophy. Twice a year, students present their projects and learning to a public audience consisting of parents, community members, and industry professionals. Students dress in professional attire and field questions about their learning and the content they have studied.

FAN (Family Action Network)

As members of the DVIA community, all families are members of FAN. FAN supports the mission and vision of DVIA through coordination of community events, fundraising, and family service opportunities. DVIA asks each family to dedicate 20 hours of service each year.

HoHM (Habits of Heart and Mind)

Habits of Heart and Mind are the characteristics of what, we believe, successful people do when they are confronted with new situations or problems.

- Perseverance
- Effective Communication
- Exploration
- Reflection
- Collaboration
- Flexibility

IEP (Individualized Education Plan)

In the event a learning or physical challenge is significantly hindering a student's progress as documented through appropriate observation and testing, a student may qualify for participation in a formal Individualized Education Plan (IEP). This process designates a clearly identified group of professionals who, along with the parents and guardians, implement a specifically designed education program complete with formal methods, time frames, and documentation procedures.

Independent Study

Independent study is a different way of learning. In independent study, a student is guided by a teacher but usually does not take school-based classes with other students every day.

Independent study programs are designed to help students who find that regular classroom settings do not meet their needs.

Independent Study Enrollment Agreement

This form is required by the state of California for independent study enrollment and must be signed and dated before students can receive instruction. It outlines the guidelines of participating in an independent study program and is a legal document.

Jumpstart

These are two mandatory all-day parent workshops at DVIA that are designed to provide parents with crucial information about the DVIA program including specific school-wide and classroom-based information, content workshops and other significant topics.

POL (Presentation of Learning)

All Da Vinci students will participate in POLs a minimum of once per year (many classes conduct POLs each semester). Each student will individually stand before a panel of peers, teachers, and community members to present what they have learned and field questions about their learning.

MAP (Measurement of Academic Progress)

MAP is an adaptive assessment tool from NWEA (see below) that produces a measure of student growth and achievement. This information will be used to personalize learning plans, create focused instructional groupings and, as needed, be a consideration in determining placement. Focused on growth rather than “proficiency,” this assessment is administered at the beginning, middle and end of the year, providing an opportunity to track growth throughout the year.

NWEA (Northwestern Evaluation Association)

NWEA is a non-profit organization that offers a range of Common Core aligned educational assessments. DVIA uses NWEA’s MAP assessment as described above.

PBL (Project Based Learning)

Project-based learning is a dynamic approach to teaching in which students explore real-world problems and challenges. With this type of active and engaged learning, students are inspired to obtain a deeper knowledge of the subjects they're studying (Edutopia)

Additionally, for more information, please visit: http://www.bie.org/about/what_is_pbl

PERC (Parent Education Resource Center)

PERC is an office space at DVIA that is specifically dedicated as a collaborative space for parents to meet, lesson plan, share learning experience and celebrate homeschooling. Parents are encouraged to contribute to the space, post education-related materials and gather together.

PLTW (Project Lead The Way)

Project Lead The Way (PLTW) is the leading provider of rigorous and innovative Science, Technology, Engineering, and Mathematics (STEM) education curricular programs used in middle and high schools across the U.S.

For more information, please visit: <http://www.pltw.org/>

POL (Presentations of Learning)

Once or twice per year (depending on grade level), students stand before a panel of parents, teachers, peers and community members to present their learning, reflect on their Habits of Heart and Mind and discuss why they are ready for the next grade. Students use

SLC (Student Led Conference)

SLCs occur in the fall and spring and are a chance for parents, teachers, and students to discuss each student's learning throughout the semester. SLCs are mandatory at DVIA and are an important part of how students reflect on their learning.

SST (Student Success Team)

When a student is struggling to meet his/her learning goals, a team (consisting of the student's parents, teachers, literacy specialist, and administrators) will gather to create a plan to support the student. An SST support plan must be completed before evaluation for an IEP.

STEAM (STEM + Art = STEAM)

Science, Technology, Engineering, Art, and Mathematics Education

STEM

Science, Technology, Engineering, and Mathematics Education

Work Journal

One of two forms used to provide evidence of agreed-upon academic engagement at home for approximately 20 school days (at-home and at-school days). Each Work Journal includes detailed explanations of the learning activities parent educators implemented at home as well as six original home-school work samples with written feedback from the family instructor. Over the course of the year, each family will complete nine work journals.

Work Journal Period

A period of 20 school days (at-home and at-school days included).

Work Sample

Original student work submitted by the parent educator as part of the attendance process for independent study.

21st Century Skills

21st Century Skills are defined as skills needed to be successful in the 21st century. The skills can be divided into four categories: Ways of Thinking, Ways of Working, Tools for Working, and Skills for Living in the World.

http://www.bie.org/research/21st_century_skills