Ingenium Learning System

All Ingenium schools use a standards-based instructional model called the **Ingenium Learning System (ILS).**

The ILS allows students to **learn at their own pace.** Our students set their own learning goals based on California State performance standards, and then work with their teachers to achieve their goals.

The ILS encourages students to become more independent and take a leadership role in their education. Together we strive for continuous improvement and develop a lifelong love of learning!

The ILS is driven by four values: shared vision, personal mastery, continuous improvement, and leadership.

Our Mission

We empower learners by developing the best people, best operations, and best communities.

About Us

Ingenium Schools is a charter school network based in Claremont, CA. We currently operate four elementary and middle schools serving 1,100 students in Compton, Maywood, and Canoga Park. Ingenium seeks to be the model for educational and organizational excellence.

Stay Informed!

Website:
IngeniumSchools.org

Facebook:
Facebook.com/IngeniumSchools

Twitter:
@IngeniumSchools

What our students and families think

"I like this model because I get to work at my own pace. Math was never my best subject, but now I excel at it!"

- INGENIUM CHARTER
MIDDLE SCHOOL STUDENT

"The Ingenium Learning System encourages students to find their own strengths. The model has helped my son overcome his shyness and become a leader in his classroom."

- BARACK OBAMA
CHARTER SCHOOL
PARENT

Shared Vision

Ingenium shared visions articulate our aspirations. We develop our shared visions with input from all stakeholders to unite us in achieving our goals.

Personal Mastery
As we work to achieve our shared visions, we understand that no two people progress at the same rate. We set high expectations for everyone, and support different pathways to personal mastery of our individual goals.

Continuous Improvement
Whether in the classroom or the boardroom, there are always opportunities for refinement and innovation. We celebrate ingenuity and constantly seek out ideas for enhancement.

Leadership
We encourage leadership and ownership in every phase of learning, including setting goals, developing skills, monitoring progress, and assessing growth.

Ingenium board and senior leadership team develops a shared vision for our network

Ingenium principals lead their staff in developing a shared vision for each school

Ingenium teachers lead their students in developing a shared vision for each classroom

ILS Signature Practices

While each of our schools adds unique components to their educational programming, these signature practices are present in every Ingenium classroom:

Shared Vision
At the beginning of the school year, teachers guide students in developing a Shared Vision for their class. Posted prominently and referred to regularly, the Shared Vision is the aspiration to which the class will rise.

Code of Cooperation
Students in each classroom establish expectations for how they will effectively work together and create a positive learning environment. By authoring their own classroom Code of Cooperation, students take ownership for their behavior and create an environment of authentic accountability.

Tools to Elicit Student Voice
Tools to Elicit Student Voice, such as a Parking Lot, Power Vote, and Consensogram, ensure that classrooms are truly student-centered. They help students build confidence by empowering them to facilitate their own discussions and provide feedback.

SMART Goals
Students regularly create and pursue SMART (Specific, Measurable, Achievable, Relevant, and Time Bound) Goals aligned to their classroom Shared Vision. Teachers support students in the process of setting and achieving these goals.

Plan, Learn, Check, Adjust
Students and teachers use a tool called Plan, Learn, Check, Adjust (PLCA) when setting SMART goals and developing action plans to reach them. By using this goal-setting sequence, students become more flexible and confident as they learn to embrace successes and setbacks as essential to the learning process. Teachers continuously work with their students to address their learning gaps and strive for continuous improvement.

Rubrics and Capacity Matrices
Essential components of our standards-based grading system are rubrics and capacity matrices that describe and delineate each level of Personal Mastery. Rubrics put focus on the depth and quality of student work, and help students identify the steps they need to take in order to achieve proficiency on any given learning target. Capacity matrices help define the smaller steps necessary to master multiple components within each learning target.

Proof of Proficiency Charts
Each class has a Proof of Proficiency (POP) Chart that shows which students have mastered each learning target. POP Charts allow students, teachers, and classroom visitors to track the progress of each student. They also help students identify experts among their peers who can help them master specific learning targets. A common phrase our teachers use is "ask three before me," encouraging students to ask three of their expert peers for help before they come to the teacher. This helps to build resourcefulness and collaboration.

Standard Operating Procedures
Similar to an efficient and productive business, classrooms depend on refined Standard Operating Procedures (SOPs). Often embedded in a flow chart, SOPs are displayed in classrooms to provide a how-to guide for students to independently and efficiently complete tasks.