



**Saginaw Public School District K-12:
High Quality Science Instruction**



High quality science instruction is:

1. Delivering varied activities such as: direct instruction, opportunities for discovery, and facilitated discussion.
2. Encouraging and facilitating students in inquiry based learning that helps them make sense of their world through hands-on activities, application, and explanation.
3. Providing engaging lessons for learners at every skill level by using tools and routines to support students.
4. Engaging all students in authentic science conversations using evidence discovered during the scientific process.
5. Learning in an environment that builds student confidence to explore scientific concepts.
6. Engaging students in activities that take them from the abstract to the concrete and allow for the integration of old and new knowledge.

During high quality science instruction teachers are:

Facilitating inquiry and/or project-based learning to help students make connections to the real world, and provide differentiated instruction to meet the needs of all students.

During high quality science instruction students are:

Engaged in authentic, meaningful science experiences and discussions connected to everyday life.

High quality science classrooms look like:

A student centered instructional environment that allows students to be in charge of their own learning, as they explore scientific concepts and engage in conversations based on authentic experiences and teachers as flexible facilitators.