

Dimensions of The Expert Educator

Variable	Indicator	Indicator Definition
Learning	Design	Students are involved in the design of instruction so that they have a say in how and what they learn.
	Standards	Students work on engaging, real-world problems that meet local, state, and/or national curricular standards.
	Tools	Students use technologies prevalent in business, industry, and society
	Relevant	Students are engaged in learning activities that are organized around authentic problems that are frequently encountered in non-school settings.
	Interactivity	Learning activities support problem solving, data collection, information management, communications, and decision making in classroom activities.
	Collaboration	Students work in collaboration to achieve learning goals.
Teaching	Individualization	Teacher responds to the emerging student learning needs by modifying instructional plans.
	Technologies	Teacher knows special technologies relevant to each unique discipline, and students select and use appropriate technologies relevant to the learning activity.
	Content	Teacher has a well-organized knowledge of concepts and inquiry procedures unique to each discipline. Local, state, and national standards define the knowledge and competencies that students need to acquire.
	Instructional design	Teacher structures activities so that students are able to explore, explain, extend, and evaluate their progress.
	Management	Teacher uses student information systems to document student progress and to improve the quality of learning for each individual.
	Educator Roles	Resource coordinator
Guide		Teacher guides student progress by suggesting resources, posing questions, and initiating discussion when appropriate.
Action researcher		Teacher regularly monitors student behavior and progress toward meeting learning goals. This information is used to design future learning activities.
Professional		Teacher models life long learning and participates in a community learning environment.
Mentor		Teacher contributes to the professional growth of other educators.
Student Roles	Self-regulator	Students orchestrate their own learning by planning, monitoring their own progress, and reflecting on their own performance.
	Collaborator	Students spend more time learning from each other experts in the community. They work in collaboration with people in different locations all over the world.
	Communicator	Students learn by asking questions, engaging in discussions, and sharing new knowledge through conversation. They can articulate the steps they used to solve problems.
	Information Processor	Students can efficiently locate, retrieve, organize, process, and share information.
Assessment	Purpose	Assessment is used to determine what is taught (curriculum content) and to guide how it is taught (instructional practice) based on student need or weaknesses.
	Method	Formative methods of assessment provide feedback for students to revise and improve the quality of their thinking and learning.
	Instrument	Appropriate assessment instruments are carefully selected and used to measure student achievement of learning goals.
	Ownership	Students participate in a process of developing criteria and tools used to judge the quality of their products and performances.
	Audience	Students share their work with appropriate audiences for their review and critique.
Resource Management	Strategies	Teacher organizes the use of resources to maximize learning.
	Selection	Teacher plays a major role in the identification, evaluation, and acquisition of emerging technology resources that can enhance learning.

	Location	Teacher and students strategically reorganize the physical learning environment to maximize the use of resources.
	Access	Teacher and students have adequate access to the resources required to support their learning.
	Ethics	Teacher models appropriate behavior and involves students in processes of self-regulation regarding ethical use of resources.
Professional Practice	Efficiency	Teacher uses professional tools to accomplish tasks efficiently.
	Collaboration	Teacher uses technologies to initiate and sustain collaborative activities with colleagues in different locations all over the world.
	Communication	Teacher communicates with people who are involved with students' learning, including parents, after-school program leaders (e.g. coaches), Girl and Boy Scouts, etc.
	Professional growth	Teacher designs and directs own professional development through the creation of an individual professional development plan.
Community Outreach	Partnerships	Teacher facilitates students' participation in community partnerships and projects that support achievement of learning goals.
	Contributions	Teacher develops strategies with students to make real contributions to the community such as developing web pages for businesses and conducting research on important local issues.