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### **The Globalization of Science Education**

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Standards-based science education, with its emphasis on clearly stated goals, performance monitoring, and accountability, is rapidly becoming a key part of how science education is being viewed around the world. Standards-based testing within countries is being used to determine the effectiveness of a country's educational system, and international testing programs such as PISA and TIMSS enable countries to compare their students to a common standard and to each other. The raising of standards and the competition among countries is driven in part by a belief that economic success depends on a citizenry that is knowledgeable about science and technology. In this talk, I consider the question of whether it is prudent to begin conversations about what an international standards document for global citizenship in science education might look like. I examine current practices to show the areas of international agreement and the significant differences that still exist, and I conclude with a recommendation that such conversations should begin, with the goal of laying out the knowledge and competencies that international citizens should have that also gives space to individual countries to pursue goals that are unique to their own setting.