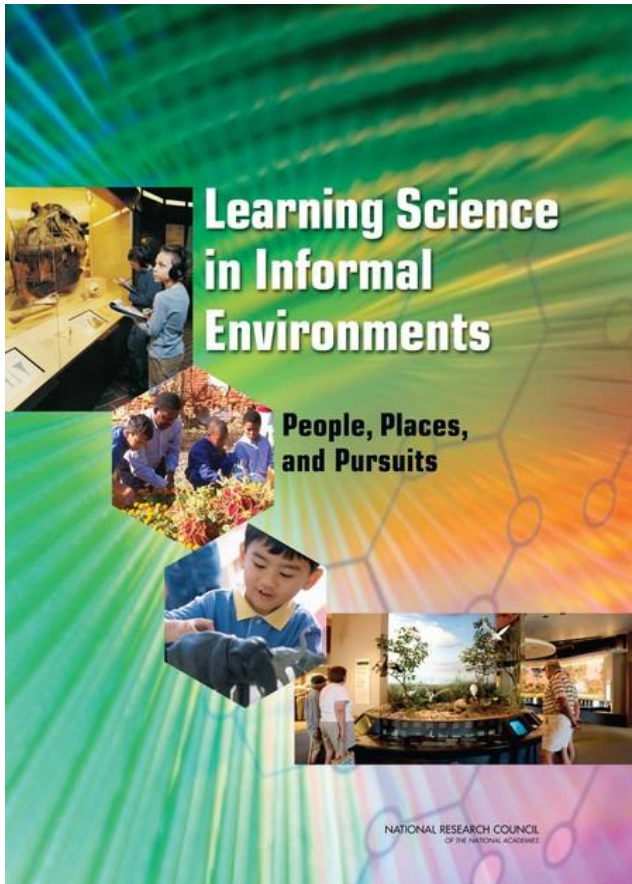


Learning Science in Informal Environments: People, Places, and Pursuits

NRC, 2009



Learners in informal environments (NRC, 2009)

- **Strand 1:** Experience excitement, interest, and motivation to learn about phenomena in the natural and physical world.
- **Strand 2:** Come to generate, understand, remember, and use concepts, explanations, arguments, models, and facts related to science.
- **Strand 3:** Manipulate, test, explore, predict, question, observe, and make sense of the natural and physical world.
- **Strand 4:** Reflect on science as a way of knowing; on processes, concepts, and institutions of science; and on their own process of learning about phenomena.
- **Strand 5:** Participate in scientific activities and learning practices with others, using scientific language and tools.
- **Strand 6:** Think about themselves as science learners and develop an identity as someone who knows about, uses, and sometimes contributes to science.