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The National Content Standards (K–4)

- Scientific investigations involve asking and answering a question and comparing the answer with what scientists already know about the world.

- Scientists use different kinds of investigations depending on the questions that you are trying to answer. Types of investigation include describing objects, events, and organisms; classifying them; and doing a fair test (experimenting).

- Scientists develop explanations using observations (evidence) and what they already know about the world (scientific knowledge). Good explanations are based on evidence from investigations.

- Scientists review and ask questions about the results of other scientists' work.

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