

CIVIC SCIENCE: INQUIRY TO ACTION FRAMEWORK

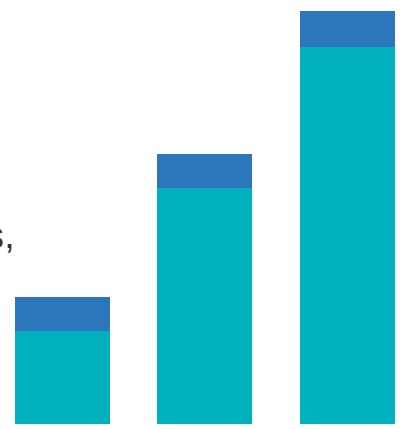


STEP 1 | INQUIRY

Students connect to their place (i.e. campus, classroom, or community) through the development of an **inquiry** question related to an environmental issue they can investigate.

STEP 2 | DATA COLLECTION

Students gather information to support their inquiry question. **Data** will be qualitative and/or quantitative, and collected using devices, technology, tools, surveys, photos, maps, observations, etc.



STEP 3 | ANALYSIS

Students **analyze** trends, patterns, and evidence from the data collected. They formulate a solution to the problem, and determine the environmental, economic, and equity implications.

STEP 4 | COLLABORATION

Students **collaborate** to discuss their findings, share ideas, perspectives, and determine next steps. If they answered the inquiry question, students move to the next step. If not, they identify what additional information is needed and how to address any information gaps.



STEP 5 | INNOVATION

Students collectively use **innovation** and creativity to construct a solution to the inquiry problem. In addition, they devise a remediation plan and decide how best to present their data-based findings and plans to others.

STEP 6 | ACTION

Students create change in their community through awareness, empowerment and civic **action** by presenting their findings to an authentic audience composed of decision-makers and field experts.



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