Thinking like a Behavioral Scientist
Grades 9-12

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Geographer
Surveyor
Urban and Regional Planners
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Tax Examiners and Collectors, and Revenue Agents
Training and Development Specialists
Thinking like a Historian

Grades 9-12

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Critique Historical Sources and Evidence
- What is the relationship between historical sources and the secondary interpretations made from them?
- How are primary and secondary sources of information critiqued?

Compare Perspectives
- How do regional, racial, ethnic, and gender perspectives influence American/world history and culture?
- How do the perspectives of individuals and societies impact American/world history?

Analyze Global Interconnections
- How would we determine multiple and complex causes and effects of major historical events in American history?
- Which Iowans or groups of Iowans have influenced U.S. history?
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Careers for a Historian

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- Anthropologist
- Historian
- Teacher
- Park Service Ranger
- Journalist
- Editor
- Records Manager
- Lobbyist
- Analyst
- Consultant
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### Thinking like a Civic and Political Scientist

**Grades 9-12**

#### Analyze Civic and Political Institutions
- What powers and responsibilities should local, state, tribal, national, and international civic and political institutions have? How should they interact? What is the role of the government in maintaining order?
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### Thinking like an Economist

**Grades 9-12**

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- How can the concept of scarcity be applied when making economic decisions?
- How can you use cost-benefit analysis when arguing for or against an economic decision?

#### Critique Exchange and Markets
- What goes into determining and who determines what is produced and distributed in a market system?
- How do changes in the level of competition affect price and output levels in specific markets?
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- What is the effectiveness of government policies in regard to altering market outcomes?
- What is the role of institutions, such as clearly defined property rights and the rule of law in a market economy?

#### Evaluate the National Economy
- How can we use economic indicators to evaluate economic conditions?
- Why do advancements in technology and investments in capital goods and human capital increase economic growth and standards of living?

#### Assess the Global Economy
- What is the role of specialization in trade?
- How has globalization impacted various aspects of economic growth, labor markets, and rights of citizens, the environment, and resource and income distribution in different nations?
Careers for a Civic and Political Scientist

Anthropologist
Geographer
Politician

Careers for an Economist

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Banker
Urban and Regional Planners
Financial Investment Analyst
Financial Manager
Insurance Sales Manager
Chief Financial Officer
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• What influence do different individual members of a group have on the collective thought and behavior of the group as a whole?
• What are some characteristics of groups and what influence do groups and individuals have on each other?
• What are some patterns and causes of stratification that lead to social inequalities?
• What are some reactions to social inequalities and how would you evaluate those? Propose alternative responses?

Examine Factors that Led to Continuity and Change in Human and Group Behavior
• How can we look at human behavior from biological, cognitive, behavioral, and sociocultural perspectives?
• What are the basic scientific methods that are at the core of psychology?
• What theories and methodologies would you use to plan, conduct, and interpret research results?
• What impact does the American Psychological Association and federal guidelines have on the ethical treatment of human and nonhuman participants?
• How have sociological perspectives changed over time and how are they used today?
• What ethical issues and guidelines are used when conducting and analyzing behavioral science research?

Apply Appropriate Research Procedures and Skills of a Behavioral Scientist
• How do the validity and reliability of observations and measurements relate to data analysis?
• How can we apply the major theoretical approaches and perspectives in behavioral science to our daily lives and civic engagement?
• Using behavioral science knowledge, how can we assess issues and problems within our society and how can we develop ethical solutions to address those issues?

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Environmental Scientist
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GIS Systems Analyst

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- GIS Systems Analyst

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Marriage and Family Therapists
Psychologist
Probation Officer
Sociologist
Correctional Treatment Officer
Psychiatrist
Rehabilitation Counselor
Counselors: Substance Abuse, Mental Health, Behavioral Disorder
Counselors: School and Career Survey Researcher

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• What are the origins of government? What purpose(s) does government serve? What are various theories of democracy? What other alternative models are there from other nations and groups?
• How does the US Constitution establish the Rule of Law, governmental powers, and responsibilities? How does the US Constitution establish limits to government?
• What are the relationships among the branches of the US Government?

Apply Civic Virtues and Democratic Principles

• What is the effectiveness of political action in changing government and policy?
• What is the significance of civic values to a well-functioning democracy?
• What are some of the mechanisms of political socialization in American democracy?
• What has the contribution of Iowans been who have played a role in promoting civic and democratic principles?

Interpret Processes, Rules, and Laws

• What are some procedure for making governmental decisions at the local, state, national, and international levels?
• How do people use and challenge public policies through formal and informal means? What are some judicial processes and landmark court cases that would support your interpretation?
• What are the intended and unintended consequences of the implementation of public policy specifically as they relate to bureaucracy, citizen feedback, public opinion polls, interest groups, and media coverage?
• What are the historical, contemporary, and emerging patterns of political action and activism?

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