

Grade 8

Inquiry and Design Thinking

1.1 Connect

1. Narrowing Down a Large Topic 8.1
 1. Revises the topic as needed to arrive at a manageable topic for a given research situation 8.1
 2. Narrowing Down a Large Topic - Example 8.2
 2. Revises the topic as needed to arrive at a manageable topic for a given research situation 8.2
-

1.1 Wonder

3. Refining Research Questions to Search for Different Types of Information 8.3
 3. Refines questions to guide the search for different types of information (e.g., overview, big-idea, specific detail, cause and effect, comparison) 8.3
-

1.1 Investigate – Organization

1.1 Investigate – Sources

4. 8.4
 4. Uses organizational systems and electronic search strategies (key words, subject headings) to locate appropriate resources 8.4
5. Using Different Sources 8.5
 5. Uses organizational systems and electronic search strategies (key words, subject headings) to locate appropriate resources 8.5

1.1 Investigate – Evidence

6. 8.6
 6. Evaluates the accuracy, authority, validity, perspective, and bias of sources and information 8.6
7. 8.7
 7. Reads laterally in the digital environment to discover divergent and conflicting information as well as corroborating information 8.7
8. Notetaking Grid 8.8
 8. Selects high-quality information from multiple sources that answers the research questions, provides a balance of diverse perspectives, and includes both main ideas and supporting details 8.8
9. Notetaking to Answer Questions 8.9
 9. Selects high-quality information from multiple sources that answers the research questions, provides a balance of diverse perspectives, and includes both main ideas and supporting details 8.9
10. Point of View Influences Interpretation of Information 8.10
 10. Recognizes that own point of view influences the interpretation of information 8.10

1.1 Investigate – Making Sense of Information and Notetaking

11. 8.11
 11. Identifies misconceptions and revises ideas as new information is gained 8.11
12. Making Inferences from FACTS 8.12
 12. Provides evidence for logical inferences based on both the explicit and implicit meaning of text 8.12
13. Reflective Notetaking 8.13
 13. Employs reflective notetaking strategies to capture own thinking and inferences about the evidence being noted in words and phrases, summarized, paraphrased, or quoted 8.13

1.1 Construct

14. 8.14
 14. Forms opinions, judgments, and claims backed up by supporting evidence and clear reasoning 8.14

1.1 Express

- 15. 8.15
 - 15. Develops a line of argument or claim with a line of reasoning, clear supporting evidence, and attention to refuting counter arguments and claims 8.15
 - 16. My Research Project 8.16
 - 16. Creates products for authentic reasons and audiences 8.16
 - 17. Bibliography Worksheet 8.17
 - 17. Cites all sources used according to local style formats 8.17
-

1.1 Reflect

- 18. Individual Experience of Inquiry 8.18
 - 18. Reflects on own emotional and intellectual experience through the process of inquiry 8.18
-

1.2 Design Thinking

- 19. 8.19
 - 19. Engages actively in a design process to use tools, resources, and materials to test the hypothesis or desired result by creating a solution or model, testing the results, modifying the model when needed, and determining the validity of the hypothesis or the quality of the model 8.19
-

Multiple Literacies

2.1 Response to Literature

- 20. 8.20
 - 20. Participates in literary discussions, special literary programs, and book clubs 8.20
-

2.1 Visual Literacy

2.1 Media Literacy

- 21. 8.21
 - 21. Deconstructs media claims and arguments by looking at logical fallacies, persuasive techniques, and the use of the language of the medium (e.g., use of color, pace, perspective, narrative structure, visuals) 8.21
-

2.2 Multiple Literacy Presentation

- 22. 8.22
 - 22. Matches language of presentation with audience, purpose, complexity of the content, and intended impact 8.22
-

Social and Civic Responsibility

3.1 Learning from Diverse and Credible Points of View

23. 8.23

23. Demonstrates critical evaluation strategies that are appropriate for various types of sources (e.g., authoritative websites, fringe or fake websites, blogs, tweets, viral videos) 8.23
-

3.1 Civic Reasoning

24. 8.24

24. Listens carefully to the reasoning and ideas of others, engages in a discussion, and changes own opinion when those ideas have merit 8.24
-

3.2 Collaboration

25. 8.25

25. Works collaboratively to develop, publish, and present projects involving 1-2 media that effectively communicate information and ideas about the curriculum to authentic audiences 8.25
-

3.3 Intellectual Property Rights

26. 8.26

26. Makes ethical decisions about the creation and sharing of information (e.g., respecting rights of creators, remixing, and using images and print within the guidelines of Fair Use) 8.26
-

3.3 Safe and Ethical Use of Technology

27. 8.27

27. Observes Internet safety procedures, including safeguarding personal information and equipment 8.27
-

Personal Growth and Agency

4.1 Personal Exploration and Independent Reading and Learning

28. 8.28

28. Explores opportunities to prepare for the future, including higher education, career training, vocational training 8.28
-

4.1 Social and Emotional Growth

29. 8.29

29. Develops a growth mindset by identifying own strengths and preferences in terms of future career [self-awareness] 8.29

4.2 Self-Identity and Confidence

30. 8.30

30. Displays resilience by pursuing alternative decisions or actions after failing or receiving negative feedback and learning from that failure [responsible decision-making] 8.30

4.2 Commitment to Act