

Year 7 (Grade 6)

Finds areas of passion or interest within topics of study

Identifies key words and ideas that appear in background information and class conversation

Identifies the characteristics of a manageable topic for inquiry (comprehensiveness, level of complexity, available resources, personal interest, relevant and important aspect of overall topic)

Identifies topic of interest for research and broadens or narrows it to make it manageable for given research situation

Develops a plan for following an inquiry process to ask questions and find evidence to answer questions about a research topic

Assesses questions to determine which can be answered by simple facts, which cannot be answered, and which would lead to an interesting inquiry

Determines what information is needed to support the investigation and answer the questions

Forms tentative thesis about main ideas with guidance

For science topics, forms hypothesis ("if...then" statement) that can be "tested"

Recognizes the organization and use of special sections in the library (e.g., reference, graphic novels, paperbacks)

Evaluates, selects, and uses both primary and secondary sources with attention to perspective and comprehensiveness

Uses at least two authoritative and credible sources (print, video, or electronic) for research projects

Evaluates information within electronic and print sources to determine whether it is inaccurate or misleading

Reads laterally in the digital environment to gather comprehensive overviews and corroborate information

Evaluates the accuracy, authority, and perspective of sources and information

Fact checks and verifies all information communicated through websites

Selects information from multiple sources that answers the research questions

Takes notes using one or more of a variety of notetaking strategies (e.g., outlining, underlining, bulleted lists, highlighting, graphic organizers, reflective notetaking)

Identifies main ideas in a source and

Participates in supervised use of search engines and pre-selected Web resources to access appropriate information for research

Uses online catalog independently to locate specific books, get classification numbers, and browse the shelves

Begins to use selected search engines to find appropriate information

Connects the information within a source to the identified perspective/point of view of a source

Differentiates between important and unimportant details

Summarizes information that answers research questions

Makes inferences based on explicit information in text

Strategies to Make Sense of Information

Evaluates the development of an argument or claim and the strength of the supp

Relates new information to prior knowledge

Year 8 (Grade 7)

States and verifies what is known about the problem or question and makes connections to prior knowledge

Uses multiple sources to acquire background information and identify key words, important people and organizations, and big ideas

Identifies the characteristics of a manageable topic for inquiry (comprehensiveness, level o complexity, available resources, personal interest, relevant and important aspect of overall topic) that apply to given research situation

Revises topic based on initial search of available resources to refine the topic and make it more manageable

Develops a research plan with a timeline for following an inquiry process to ask questions and find evidence to answer questions about a research topic

Writes questions that would lead to an inquiry independently based on key ideas or areas of focus

Determines what sources will most likely offer quality information that will answer the research questions

Analyzes and evaluates what is known, observed or experienced to form tentative thesis or hypothesis

Uses the categorization of materials within Dewey areas to locate resources and browse for additional materials

Identifies organizational features within a source that enable locating relevant information (table of contents, menu bar, buttons, index, tabs, chapter and section headings

Uses technology resources such as online encyclopedias, online databases, and Web subject directories to locate sources of information on assigned topics in the curriculum

Evaluates quality of information within electronic and print sources for usefulness, currency, authority, and accuracy

eaus retreally in the digital environment to gather comprehensive overviews and perspectives on a topic and corroborate information

Evaluates the accuracy, authority, validity, and perspective of sources and information

Fact checks and verifies all information communicated through websites and social media

Selects high-quality information from multiple sources that answers the research questions

Takes notes by paraphrasing, summarizing, identifying key words or concepts, and capturing short direct quotes (using quotation marks) of someone else's words

Uses organizational systems and electronic search strategies (key words, subject headings) in databases, online catalog, and search engines to locate resources with the doesn't make to leave the second test of the second test second test and test to the second test second test second test test and test second test second test test and test second test second test second test second test second tes atch to key ideas of topic

Uses the structure and some navigation tools of a Website to find the most relevant information (menu bars, tabs, buttons, sidebars)

Evaluates the effect of different perspectives and points of view on formation (e.g., why some information is cluded, why other information is left out)

Uses both facts and opinions responsibly by identifying and verifying them

Evaluates and summarizes information that answers research questions

Makes logical inferences based on both the explicit and implicit meaning of text

Evaluates the development of an argument or claim and the strength of the supporting and refuting evidence provided within the source

Year 9 (Grade 8)

Questions prior knowledge to Identify possible misconceptions

Expresses the big idea and the relation of own topics of interest to that idea through a mind map using pictures and words

Revises the topic as needed to arrive at a manageable topic for a given research situation

Develops a research plan and timeline for following the inquiry process and completing an appropriate final product

Refines questions to guide the search for different types of information (e.g., overview, big-idea, specific detail, cause and effect, comparison)

Predicts the answers and different erspectives that will most likely be discovered through the investigation

Determines the sources that will most likely provide answers and diverse perspectives

Plans inquiry to test hypothesis or validate tentative thesis

Uses the categorization of materials within Dewey areas to locate resources and browse for additional materials

Identifies organizational features within a source that enable locating relevant information (topic sentences, summary sentences, boxed information, links)

Uses different formats (e.g., books, Websites, subscription databases, multimedia, graphs, charts, maps and diagrams) as sources of information

Seeks balanced view by using diverse sources to access appropriate material

Evaluates quality of information based on usefulness, currency, authority, accuracy and point of view

Reads laterally in the digital environmen to discover divergent and conflicting information as well as corroborating information

Evaluates the accuracy, authority, validity, perspective, and bias of sources and information

Fact checks and verifies all information communicated through websites and social media

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

Employs reflective notetaking strategies to capture own thinking and inferences about the evidence being noted in words and phrases, summarized, paraphrased, or quoted

Uses the structure and some navigation tools of a Website to find the most relevant information (menu bars, tabs, buttons, sidebars, site map)

Uses relevant links within information on a vebsite to access additional online resources

Uses organizational systems and electronic search strategies (key words, subject headings) to locate appropriate resources

Evaluates the effect of perspective and point of view on the information in terms of bias, persuasion, and propaganda

Recognizes that own point of view

Differentiates among fact, opinion, and reasoned judgment in a source and corroborates them by researching in multiple sources

Provides evidence for logical inferences based on both the explicit and implicit meaning of text

Inderstands literal and implied meanings and can place the meaning in a conceptual framework

Evaluates the development of an argument of claim and the strength of the supporting and refuting evidence discovered in diverse sources

Identifies misconceptions and revises ideas as new information is gained