Literacy: Beyond Books

Information Literacy Initiative

Presented by:

Institute of Museum and Library Services

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INSTITUTE of Museum and Library SERVICES



About Us

The Institute of Museum and Library Services (IMLS) is:

- An executive branch agency investing in community institutions
- The primary source of federal support for U.S. libraries and museums
- The leader of this federal Information Literacy Initiative

IMLS's investments are driven by research that demonstrates positive outcomes in communities.

Adapting to New Technology

- Imagine you meet someone who has never used the internet before.
  - How would you explain the best and worst things about the internet?
  - Is there anything you would tell them to watch out for as they start using the internet?



The Initiative

What is Information Literacy?

Information literacy is the set of skills everyone needs to find, understand, evaluate, use, and share information.

Information Literacy Initiative: Activities



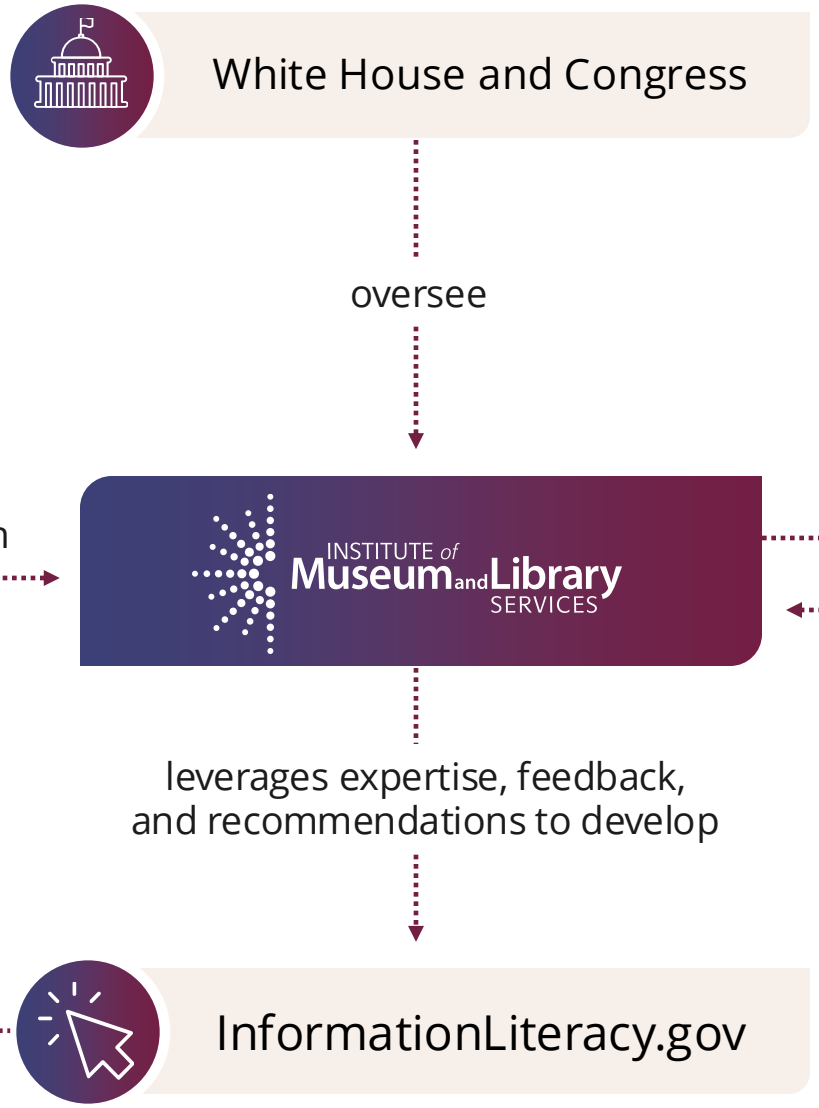
Establishing a federal taskforce



Developing a website



Sharing resources and teaching tools


White House and Congress
oversee
Local Practitioners
Libraries
Museums
Community Organizations
share expertise and feedback with
INSTITUTE of Museum and Library SERVICES
convenes
Federal Taskforce
shares expertise and recommendations with
leverages expertise, feedback, and recommendations to develop
provides guidance and resources for
InformationLiteracy.gov

The Taskforce

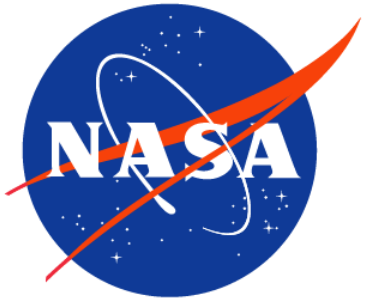
Taskforce Agencies















The Website

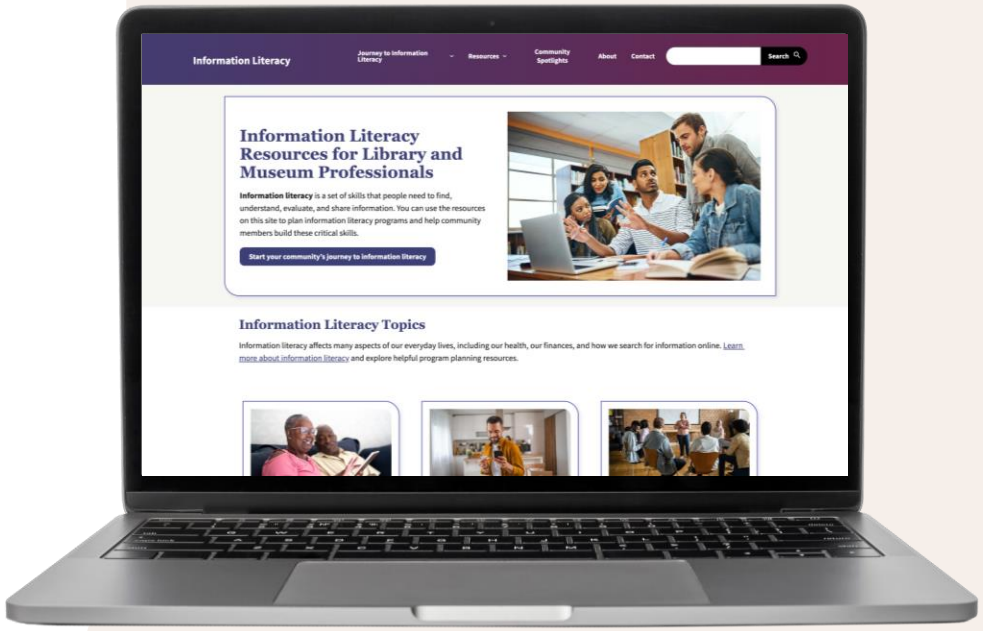
Website Development

IMLS:

- Developed a prototype website
- Tested the website with potential users
- Made improvements based on testing
- Launched InformationLiteracy.gov in May 2024

InformationLiteracy.gov at a glance

- Information and resources on specific literacy topic areas
- Ready-to-use teaching tools
- A searchable resource database
- Community Spotlights



Resource Evaluation

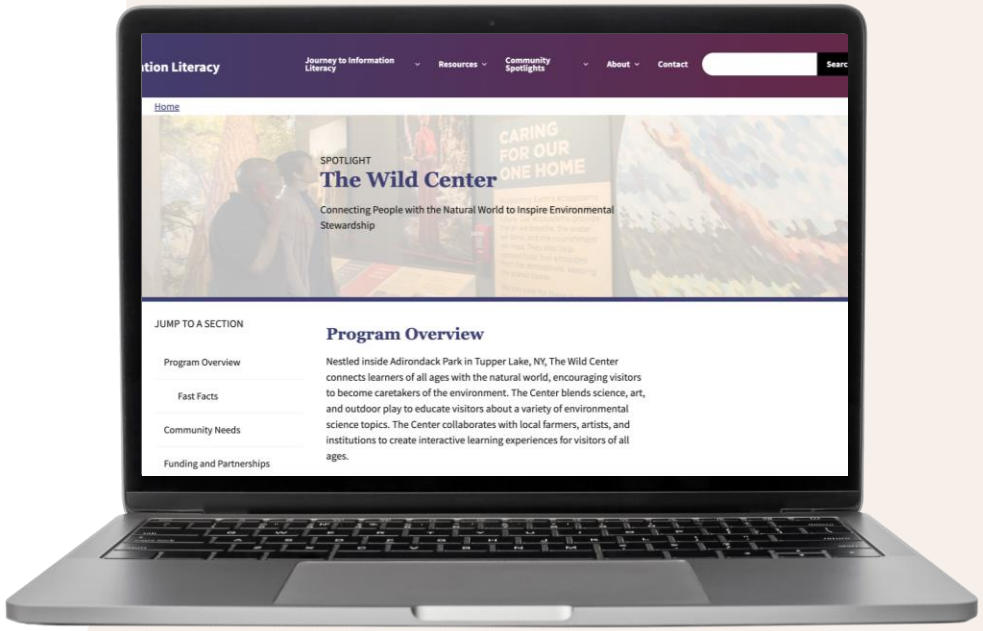
Is the resource:

- From a trustworthy source?
- Relevant to information literacy?
- Based on objective evidence?
- Tailored to its intended audience?
- Accessible?

Community Spotlights

Community Spotlights

Profiles of local organizations' work promoting information literacy in their communities



Key Information Literacy Topics



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Health Literacy

The skills to find, understand, and use health information.



Finding accurate information about treatment options



Following treatment plans



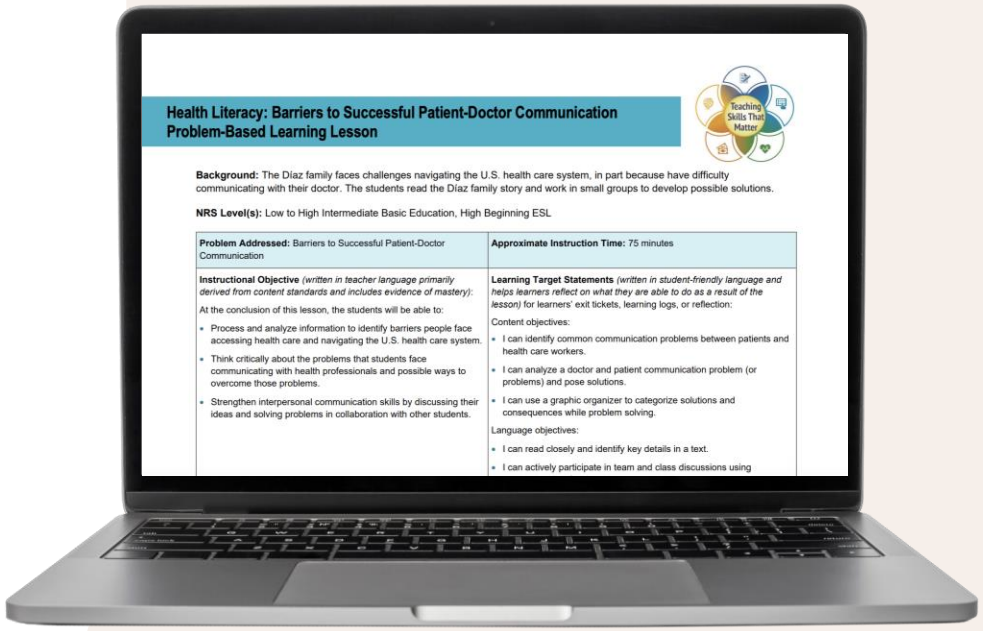
Getting and keeping health insurance

Health Literacy Featured Resource

Teaching Skills That Matter: Health Literacy

Created by U.S. Department of Education (ED)

- Health literacy lesson plans for adult learners
- Case studies and more



Financial Literacy

The skills to find, evaluate, and use financial information.



Planning and saving for the future



Understanding loans and financial aid options



Avoiding scams and financial fraud

Financial Literacy Featured Resource

Financial Literacy Resources for Veterans

Created by Veterans Benefits Administration (VBA)

- Resources to help Veterans and their families manage, secure, and protect their finances

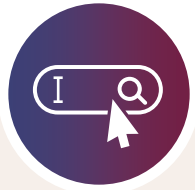


Digital Literacy

The skills to use the internet and other digital tools to find and apply accurate information.



Using digital devices and programs



Finding relevant information online



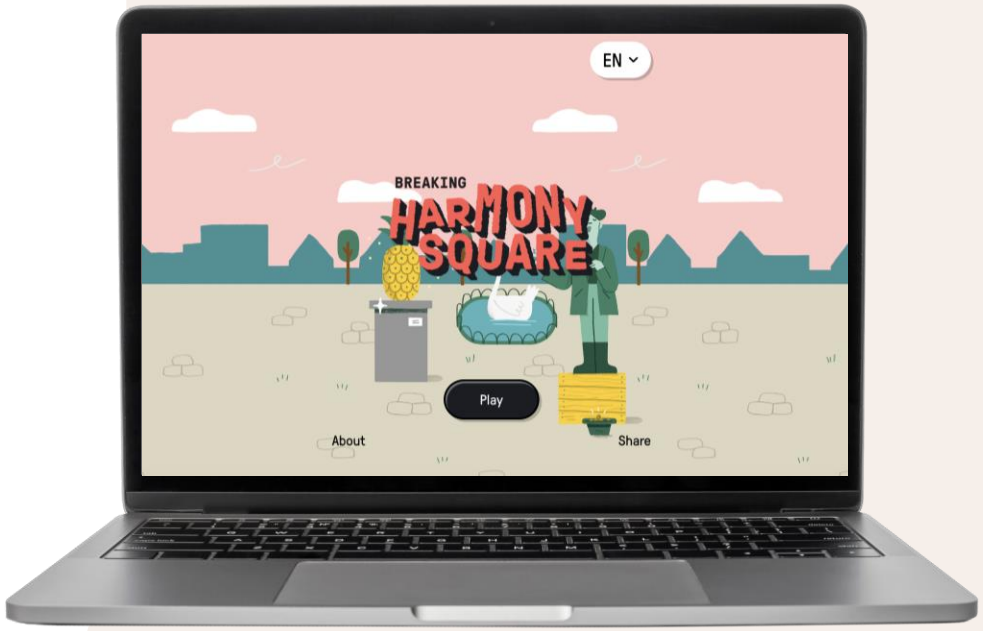
Evaluating the accuracy of information

Digital Literacy Featured Resource

Harmony Square

Created by Cybersecurity and Infrastructure Security Agency (CISA)

- Game about online manipulation for ages 15+
- Educators' toolkit



Science Literacy

The skills to find, evaluate, and use scientific information.



Understanding basic scientific concepts



Thinking critically about scientific results



Using scientific information to make decisions

Science Literacy Featured Resource

Building Data Literacy Through Community and Citizen Science

Created by SciStarter

- Training materials, tools, and strategies to incorporate citizen science into your programming



Focus on AI Literacy



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AI (Artificial Intelligence) Literacy

The skills to understand, interact with, and evaluate the accuracy of AI tools and the content that they produce



Using AI tools



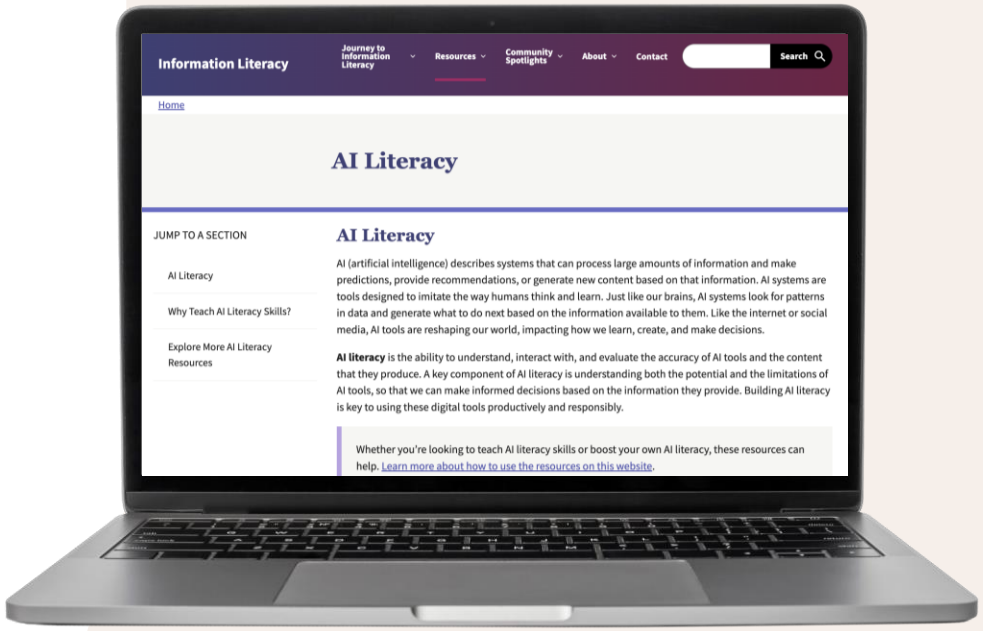
Assessing their potential and limitations



Evaluating AI-generated content

AI Literacy Resources

- Lessons and activities for all ages
- Training resources for educators
- Ready-to-use teaching tools
- Federal AI initiatives



U.S. Department of Labor's AI Literacy Framework

- Foundation for AI literacy education and workforce development
- Key content areas and principles for implementing AI literacy skills

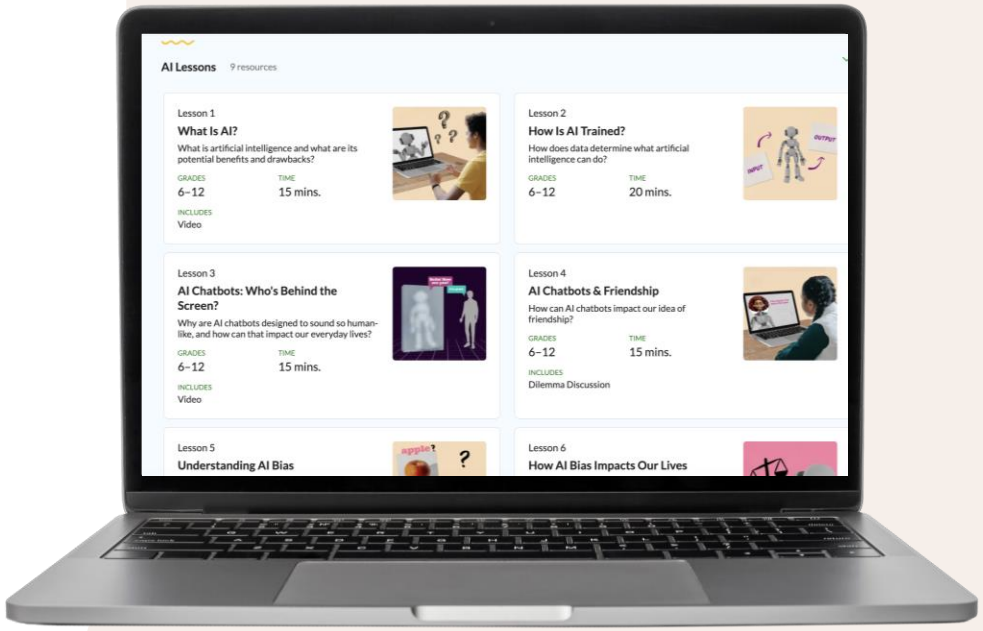


AI Literacy Featured Resource

AI Literacy Lessons for Grades 6–12

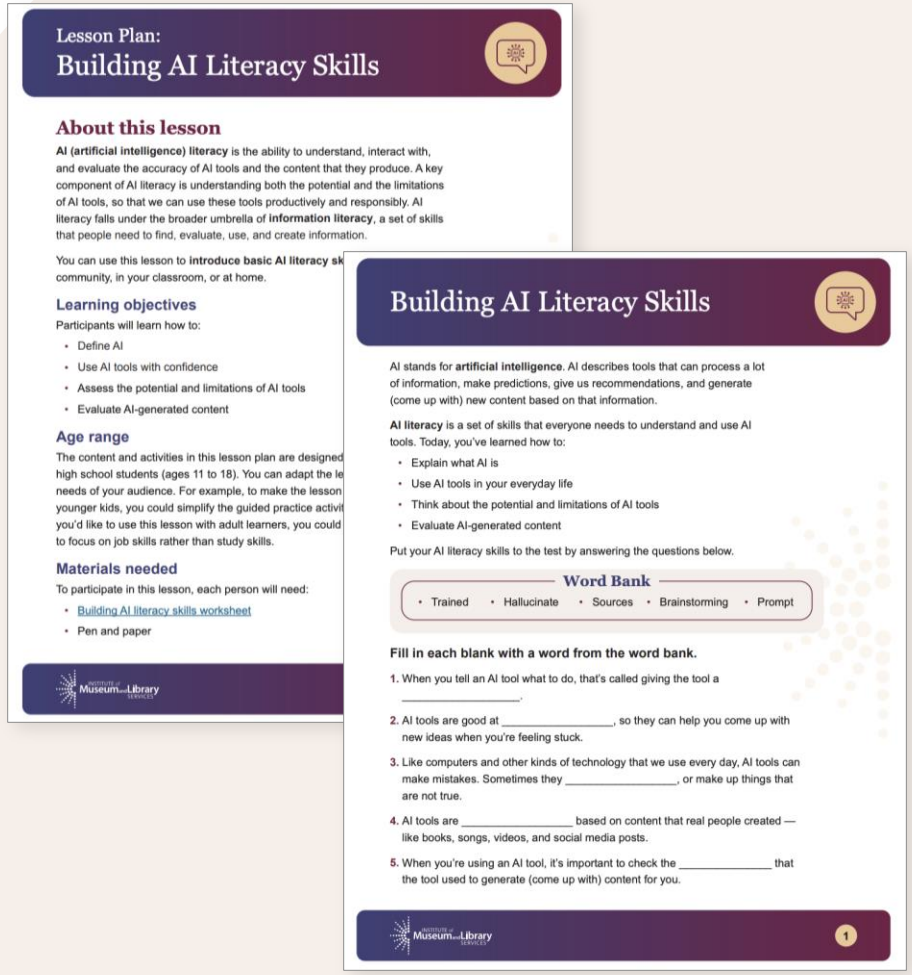
Created by Common Sense Education

- Brief lessons that teach students to think critically about AI and use AI tools responsibly



AI Literacy Teaching Tools

- Use the lesson plan and worksheet to facilitate a lesson or program
- Designed for middle and high school students
- Easy to adapt



AI Literacy Scavenger Hunt: Writing Clear Prompts

1. **Enter this prompt:**
   "List 3 healthy snacks to eat at a soccer game."
2. **Make the prompt more specific:**
   "List 3 healthy snacks to eat at a soccer game. Only list snacks that don't need to be kept in the fridge."



AI Literacy Scavenger Hunt: Fact Checking

1. **Enter this prompt:**
   “Who invented the internet?”
2. **Compare a search engine** response to the answer.



AI Literacy Scavenger Hunt: Spotting Bias

Enter this prompt:

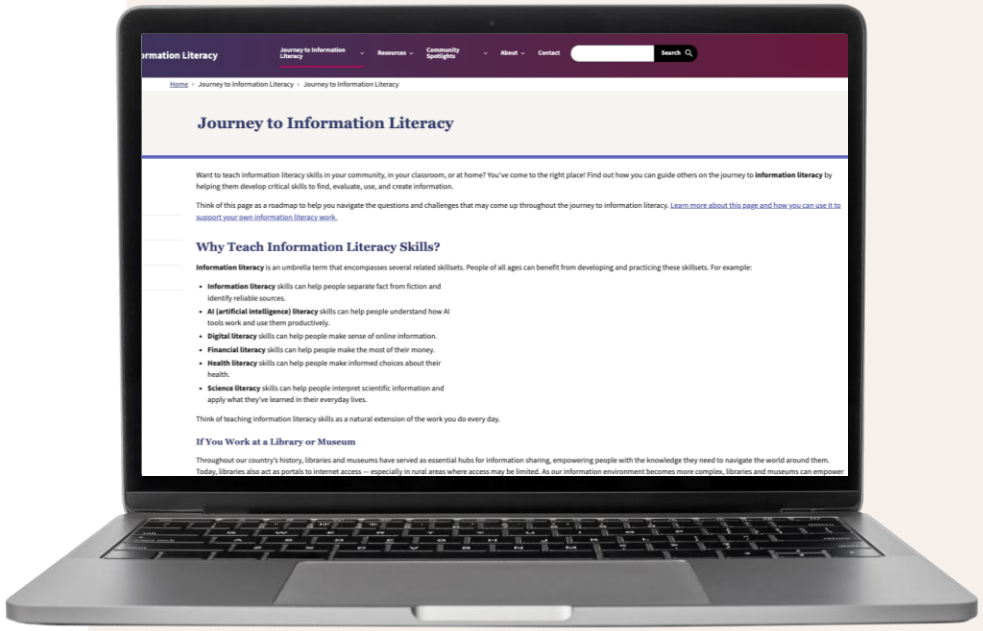
“Write 3 sentences about gamers.”



Journey to Information Literacy

Journey to Information Literacy Page

A roadmap to help you guide others on the journey to information literacy

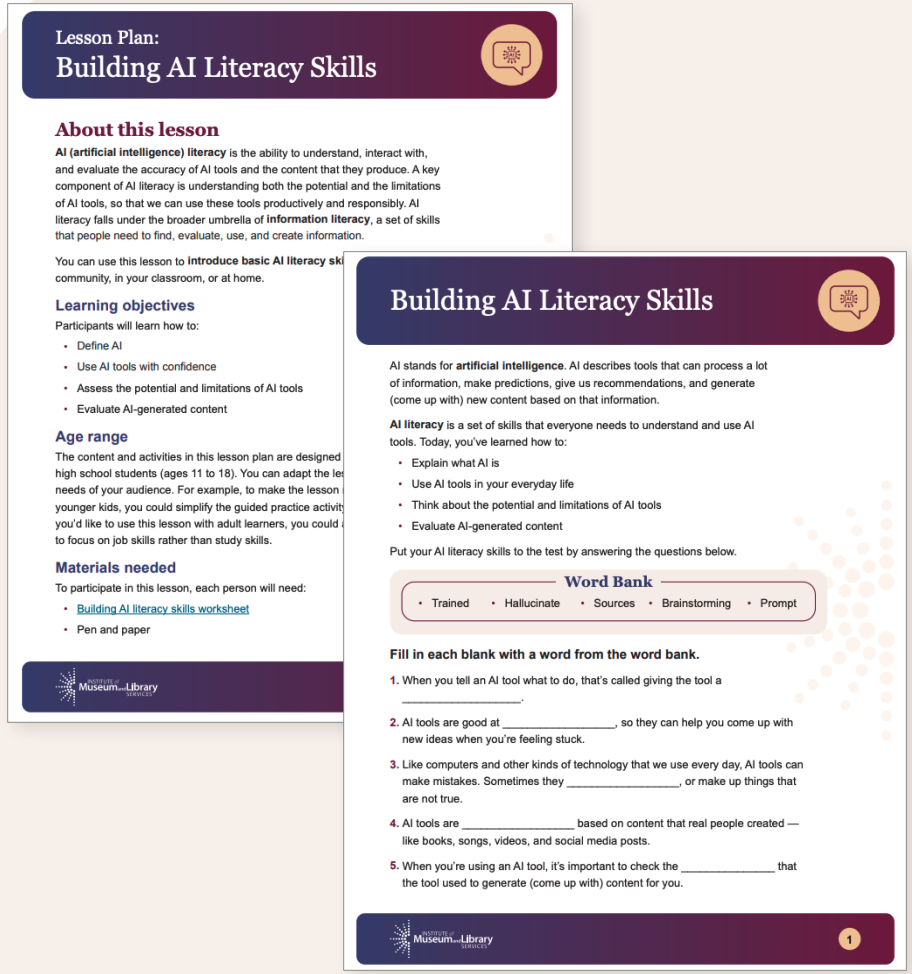


Toolkits

Teaching Information Literacy Skills Toolkit

Ready-to-use teaching tools:

- Interactive lesson plans
- Supplementary worksheets



Lesson Plan:
Building AI Literacy Skills

About this lesson

AI (artificial intelligence) literacy is the ability to understand, interact with, and evaluate the accuracy of AI tools and the content that they produce. A key component of AI literacy is understanding both the potential and the limitations of AI tools, so that we can use these tools productively and responsibly. AI literacy falls under the broader umbrella of **information literacy**, a set of skills that people need to find, evaluate, use, and create information.

You can use this lesson to **introduce basic AI literacy sk** community, in your classroom, or at home.

Learning objectives

Participants will learn how to:

- Define AI
- Use AI tools with confidence
- Assess the potential and limitations of AI tools
- Evaluate AI-generated content

Age range

The content and activities in this lesson plan are designed high school students (ages 11 to 18). You can adapt the le needs of your audience. For example, to make the lesson younger kids, you could simplify the guided practice activit you'd like to use this lesson with adult learners, you could to focus on job skills rather than study skills.

Materials needed

To participate in this lesson, each person will need:

- Building AI literacy skills worksheet
- Pen and paper

Building AI Literacy Skills

AI stands for **artificial intelligence**. AI describes tools that can process a lot of information, make predictions, give us recommendations, and generate (come up with) new content based on that information.

AI literacy is a set of skills that everyone needs to understand and use AI tools. Today, you've learned how to:

- Explain what AI is
- Use AI tools in your everyday life
- Think about the potential and limitations of AI tools
- Evaluate AI-generated content

Put your AI literacy skills to the test by answering the questions below.

Word Bank

- Trained
- Hallucinate
- Sources
- Brainstorming
- Prompt

Fill in each blank with a word from the word bank.

1. When you tell an AI tool what to do, that's called giving the tool a _____.
2. AI tools are good at _____, so they can help you come up with new ideas when you're feeling stuck.
3. Like computers and other kinds of technology that we use every day, AI tools can make mistakes. Sometimes they _____, or make up things that are not true.
4. AI tools are _____ based on content that real people created — like books, songs, videos, and social media posts.
5. When you're using an AI tool, it's important to check the _____ that the tool used to generate (come up with) content for you.

Highlighting InformationLiteracy.gov Toolkit

Materials to help people share the site with their networks, including:

- Social media graphics and posts
- Handout
- Newsletter story
- Fact sheet



Stay Connected with the Initiative

Subscribe to the Information Literacy Listserv

Sign up for the Information Literacy Initiative Listserv to learn about:

- New resources
- Teaching tools
- Featured community organizations



Thank you!

InformationLiteracy.gov

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