

Station 1: Metadata Match

4565: Computing Foundations for a Digital Age

Unit 4

Station 1: Metadata Match

Purpose

Students will use metadata to connect files to real-world context, strengthening their understanding of how metadata supports accuracy and meaning.

Materials

- Printed images or file cards with attached metadata (location, timestamp, device name)
- Journal entry cards or scenario slips (e.g., “Alex went to the zoo on March 14 at 2 PM”)

Instructions

1. Spread out image/file cards and journal entry cards.
2. Students read each entry and examine the metadata on the files.
3. Their task: Match the correct image or file to its corresponding event description.
4. Students must explain the **metadata clue** that helped them choose.

Example Cards

- File: [IMG_4921.jpg](#) → Metadata: 03/14/2024, 2:07 PM, Indianapolis Zoo
- Journal Entry: “I saw the elephants right after lunch at the zoo!”

Wrap-Up Question

How did metadata help you find the match? What would happen if the metadata was wrong or missing?

Metadata Match Examples

Metadata Match Examples

1.

- **File:** IMG_4921.jpg
Metadata: 03/14/2024, 2:07 PM, Indianapolis Zoo
- **Journal Entry:** “I saw the elephants right after lunch at the zoo!”

2.

- **File:** VacationVideo1.mp4
Metadata: 07/02/2023, 7:00 PM, Clearwater Beach
- **Journal Entry:** “We watched the sunset over the ocean and caught it all on video.”

3.

- **File:** AudioNote_Alex.mp3
Metadata: 10/10/2023, 11:32 AM, School Library
- **Journal Entry:** “I recorded the guest speaker during second period in the library.”

4.

- **File:** Screenshot_223.png
Metadata: 01/12/2024, 9:01 AM, Science Lab Chromebook
- **Journal Entry:** “I took a screenshot of the simulation right as class started.”

5.

- **File:** Photo_5423.jpg
Metadata: 11/26/2023, 5:15 PM, Grandma’s House
- **Journal Entry:** “We lit the candles on the birthday cake just before dinner.”

6.

- **File:** [Notes_Presentation.pptx](#)
Metadata: Created: 03/01/2024, Modified: 03/04/2024, Student Laptop
- **Journal Entry:** “I updated my science presentation right after getting feedback.”

7.

- **File:** [IMG_6720.jpg](#)
Metadata: 04/21/2024, 10:45 AM, City Park
- **Journal Entry:** “I took a picture of the duck pond during our morning walk.”

8.

- **File:** [DroneFootage.mov](#)
Metadata: 05/06/2024, 2:30 PM, Soccer Field
- **Journal Entry:** “We captured overhead shots of the game after school.”

9.

- **File:** [PodcastPractice.wav](#)
Metadata: 09/18/2023, 3:20 PM, Media Center
- **Journal Entry:** “I stayed after school to record my podcast project in the media room.”

10.

- **File:** [Homework.docx](#)
Metadata: Created: 02/12/2024, 8:15 PM, Edited: 02/13/2024, 7:42 AM
- **Journal Entry:** “I finished the first draft last night but revised it in the morning before school.”

Student Worksheet

Metadata Match Worksheet

Name: _____

Date: _____

Instructions:

Match each file's metadata to the most likely journal entry or event description. Use clues like date, time, and location to make your best guess. Then explain your reasoning.

File Metadata Table

File Name	Date	Time	Location	Device
IMG_1001.jpg	2024-10-14	14:12	Washington, D.C.	iPhone 12
IMG_1012.jpg	2023-07-04	21:17	Chicago, IL	Samsung Galaxy S21
VID_034.mp4	2024-05-29	09:03	School Library	Chromebook
DOC_1122.docx	2024-11-10	23:45	Home	HP Laptop
AUDIO_007.m4a	2024-03-18	10:30	Science Lab	iPad

Event Descriptions

- A. Student interview project conducted during class time
- B. Watching fireworks at Navy Pier
- C. Group trip to the capital for a history tour
- D. Late-night essay submission for English class
- E. Video walkthrough recorded during a library orientation

Your Matches

Match each file to a letter (A–E) and briefly explain your reasoning.

1. **IMG_1001.jpg** → _____

Reason:

2. **IMG_1012.jpg** → _____

Reason:

3. **VID_034.mp4** → _____

Reason:

4. **DOC_1122.docx** → _____

Reason:

5. **AUDIO_007.m4a** → _____

Reason:
