

Teaching Script for Unit 4: Digital Research Data (In-Person Event)

Components	Content (working method)	Duration (slides)	Step	Objective	Instructions	Breathing (voices chime)
1. RD	1. What RD (Question ball)	11 min (4.1-2)	Participants act	Participants activate prior knowledge	Task: - "Which research data are you working with?" - Please respond with keywords. - After speaking, throw the ball to someone who hasn't spoken yet.	aus (ja)
...	Alternative 01a. Definition RD (Brainstorming)	10 min (na)	Participants provide input	Participants activate their prior knowledge on the topic of RD	Participants attempt to collectively formulate a definition of RD	out (yes)
...	2. Definition of Digital RD (Talk)	2 min (4.3)	WL speaks	Participants understand the term 'RD'	Talk: Explanation of the term digital RD	in (no)
2. RD Lifecycle	1. RD Lifecycle (Flip and turn)	5 min (4.4)	1/3 WL Preperation	Participants work on the research data lifecycle	Task: - Divide participants into 2 or 3 groups. - One set of cards with elements of the research data lifecycle per group. - "Please arrange the elements of the research data lifecycle in a logical order. Add any missing elements if necessary." - Time: 5 min - Presentation of results after group work by one participant per group in the plenary, max. 1-2 min.	in (no)
...	...	5 min (4.5)	2/3 Participants group work	Participants work on the research data lifecycle	Participants: group work	out (yes)
...	...	5 min (4.6)	3/3 Participants summary	Participants thereby anchor the newly acquired knowledge	Moderation: - 1 participant from each group presents results - Approximately maximum 2 min per group - Time buffer: 1 min	out (yes)
...	2. RD Lifecycle (Talk)	1 min (4.7-8)	WL speaks	Participants learn about the RD lifecycle	Talk: Examples of research data lifecycles	in (no)
2. na	3. Break (na)	15 min (na)	na	Recommendation: after approx. 1,5 h	Break	na (na)

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3. RDM	1. Definition RDM (Talk)	2 min (4.9)	WL speaks	Participants learn what RDM is	Talk: The term RDM is explained	in (no)
...	2. Benefits of RDM Apollo (Short film cinema)	5 min (4.10)	1/2 Participants watch video	Participants work on the benefits of RDM	Task: - "Please watch the video ' Where Are the Lost Apollo 11 Moon Landing Tapes? ' with us." - "Please consider during the video what benefits RDM would have had."	in (no)
...	...	3 min (4.11)	2/2 Participants provide input	Participants exchange arguments	Task: - Call-out without notes - "What did you notice, what benefit would RDM have had in this example?" - Please shout out answers into the room	out (yes)
...	Alternative 02a. Benefits of RDM (Chat)	3 min (na)	Benefits of RDM	Participants work on the benefits of RDM	Task: - "What are the benefits of research data management (FDM)? Discuss this with your neighbors."	out (yes)
...	3. FAIR (Talk)	3 min (4.12)	WL speaks	Participants learn about the FAIR principles	Talk: - FAIR principles are briefly introduced - Possibly provide an example for 1-2 letters - Any questions on the topic?	in (no)
...	Alternative 03a. FAIR (Ideas out loud)	3 min (na)	Participants provide input	Participants learn about the FAIR principles	Task: - Call-out without notes - "Does anyone know what the letters in FAIR stand for?"	out (yes)

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...	Alternative 03b. FAIR (True of False)	5 min (na)	Participants act	Participants learn about the FAIR principles	Task: - Online survey - "Please answer the questions and decide whether the statements provided are true or not." - Discussion of the answers afterwards - In case of failure or technical issues with the online survey: Ask questions one by one, provide solutions, and explain. - Questions: Which of the following statements regarding the FAIR principles do you agree with? - 1) Only open data can also be FAIR. - 2) Good RDM is a prerequisite for data that complies with the FAIR principles. - 3) If data is open and FAIR, good data quality is guaranteed. - 4) The more FAIR and open data are, the greater the potential for reuse.	out (yes)
...	4. Aspects RDM (Talk)	1 min (4.13)	WL speaks	Participants are familiar with the aspects of RDM	Talk: Aspects of RDM are explained	in (no)

Duration of unit: 43 minutes.