



SWIM Sequence Plan: Steps 1 & 2: Research to Build and Present Knowledge

The purpose of the SWIM Sequence plans used with SWIM formative assessment tables is to guide instruction of the SWIM Sequence. Plans are differentiated depending on the writing level and grade band of the student. SWIM Sequence plans are comprised of four sections: 1) SWIM Learning Map assignment, 2) evidence-based practices, 3) Universal Design for Learning (UDL) aligned instructional materials and strategies, and 4) SWIM Sequence steps.

Section I: SWIM Learning Map Assignment

SWIM Learning Map Neighborhood	Grade Band	Writing Level
Research to Build and Present Knowledge	4–6	Emergent

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Section II: Evidence-Based Practices

Title	Description
Formative Assessment	Formative assessment is a planned, ongoing process used by all students and teachers during learning and teaching to elicit and use evidence of student learning to improve student understanding of intended disciplinary learning outcomes and support students to become self-directed learners (CCSSO 2021).
Vocabulary	Core and fringe vocabulary. Core vocabulary is a term for a relatively small set of words that are used most frequently in oral and written language. Fringe vocabulary is used less frequently and is more specific to a subject, or individual (zoo, school principal, etc.)
Text Comprehension Strategies	<ul style="list-style-type: none"> • Shared reading is the interaction between an adult and a student or group of students while they read a book together. During shared reading, the goal is for the student or students to eventually direct the interaction by labeling pictures, asking questions, making comments, and directing the way that the adult navigates through the pages in the book. • Shared dialogic reading involves an adult and child having a dialogue around the text they are reading. During dialogic reading, the adult asks questions to help the child explore the text and story components, increase their vocabulary, and talk about the text. • Guided Reading is an instructional approach where the teacher provides prompts and feedback as students practice newly learned skills. • Independent Reading occurs when a student reads on their own with minimal or no assistance.
Graphic Organizers	A visual learning tool to help students organize their ideas, clarify or simplify complex concepts, help with problem-solving or decision-making, or be used to plan research or brainstorm ideas.
Self-Regulation Strategies	Self-regulated strategy development (SRSD) is an instructional approach designed to help students learn, use, and adopt the strategies used by skilled writers. It is an approach that adds the element of self-regulation to strategy instruction for writing. It encourages students to monitor, evaluate, and revise their writing, which in turn reinforces self-regulation skills and independent learning (TEAL Center).

SWIM Formative Assessment Process

Formative assessment is a process that is both planned and ongoing for each lesson. Planning requires the development of specific questions and tasks within each of the SWIM sequence steps that best meet the range of learning needs of students. Formative assessment that is ongoing is enacted while learning is occurring, not after the learning takes place (CCSSO 2023). The following strategies are provided to support the teaching and learning process between students and teachers during SWIM.

Before Each Lesson

- All students have a personal communication system with core and robust vocabulary.
- All students have access to a personalized writing tool (alternative pencil or communication device) that includes all 26 letters of the alphabet.
- SWIM learning goals and student success criteria are modeled and reviewed by students.
- Students review and communicate learning goals and success criteria.

During Each Lesson

- Use wait time, so that students have the time to make comments or answer questions. Collect student comments or answers as evidence of student learning.
- Engage students by using UDL strategies and creating opportunities for extended conversations.
- Provide descriptive feedback to students that reflects the student learning goals and student success criteria.

After Each Lesson

- Support students self-assess on how and what they learned.
- Check for student understanding on learning goals by reviewing success criteria.
- Provide descriptive feedback and extend the thinking of your students.

Section III: UDL (Universal Design for Learning) Aligned Instructional Materials & Strategies

The following example instructional materials and strategies can support educators implement UDL, a framework to improve and optimize teaching and learning within the five steps of the SWIM Sequence.

Engagement Strategies for Recruiting Interest/Sustaining Effort and Persistence/Self-Regulation
<u>Topic choices</u> <input type="checkbox"/> Familiar shared reading text <input type="checkbox"/> Experience <input type="checkbox"/> Experience Book <input type="checkbox"/> Personal Experience <input type="checkbox"/> Events <input type="checkbox"/> Family Members <input type="checkbox"/> Friends <input type="checkbox"/> Other:
<input type="checkbox"/> Student Choice <input type="checkbox"/> Print Rich Environment

Representation

Strategies for Perception/Receptive Language/Comprehension

Varied organization strategies for information to guide information processing and multimedia usage

- Symbols or drawings
- Photographs of school related topics, experiences, familiar people, and places
- Remnants from personal experiences
- Familiar subjects
- Symbols/objects/illustrations/pictures and props related to shared reading text or experience.
- Other:

Text comprehension strategies to learn, communicate, and collect information about the topic.

- Shared Reading

Vocabulary

- Personal
- Core

Action and Expression

Strategies for Physical Action/Expressive Communication with Fluency

Communication

- Multi-Modal Communication
- Individual student communication devices
- Classroom communication displays

Section IV: SWIM Sequence Steps

Step 1: Choose a Topic and Purpose of Writing

Choose a topic.

Brainstorm ideas, think about categories of topics, and narrow down the topic.

Questioning Strategies	Tasks and Activities
<ul style="list-style-type: none">• What are things you know about?• Who are the important people in your life?• What things are important to you?• Where do you like to go?• What do you like to do?• What should we write about?	<ul style="list-style-type: none">• Use think alouds to brainstorm ideas to choose a topic.• Help students think about different categories of things to write about (e.g., favorite places to visit, friends).• Make a list of topics and read them together.• Narrow down the topic.

□ Activate background knowledge about the topic.

Learn the connections between prior experience and the topic.

Questioning Strategies	Tasks and Activities
<ul style="list-style-type: none">• What do you remember?• What can you tell me?• What do you know about this?• When did you see this?• When did you do it?• Did you like it?• Did you not like it?• What does it look, sound, taste, or feel like?• What new words can we use?• How is it the same?• How is it different?	<ul style="list-style-type: none">• Use think alouds to support students recall what they know about the topic by using details to describe their experiences, people, places, things, or events.• Scribe student reflections within a graphic organizer or other outline strategy (e.g., K–what I know about the topic of KWHL chart).

□ Determine the purpose and audience for writing.

Understand the purpose of writing is to inform others about the topic.

Questioning Strategies	Tasks and Activities
<ul style="list-style-type: none">• Do you want to tell someone about the topic, describe it or explain something about the topic?• Who would want to read our writing?• What do they know about the topic?• What is their opinion about the topic?• What will they learn from our writing?	<ul style="list-style-type: none">• Use think alouds to help students determine the purpose for writing (e.g., give information or explain how to do something, sequence, problem solution, cause and effect, compare and contrast).• Generate a list of potential audiences.• Choose the audience that best fits the writing topic.

Step 2: Learn about the Topic

☐ Explore topic resources.

Explore sources of information on the topic through experiences, texts, video, photographs, illustrations, or pictures.

Questioning Strategies	Tasks and Activities
<ul style="list-style-type: none">• What do we want to learn about the topic?• What do we have that can help us learn about the topic?• What should we use to learn about the topic?• Who can we talk to so we can learn about the topic?• Where can we find information about the topic?• What type of book tells us about the topic?• What goes with the topic?• What doesn't go with the topic?	<ul style="list-style-type: none">• Scribe student responses to questions in a graphic organizer or other outline strategy (e.g., W—what I want to learn about the topic within a KWHL chart).• Use think alouds to help students know how to gather information about the topic (family members, experiences, text, video, or other digital information).• Scribe student responses into a graphic organizer or other outline strategy (e.g., H—how will I learn about the topic within a KWHL chart for note taking).

□ **Gather information about the topic.**

Use topic resources to meet the purpose of writing.

Questioning Strategies	Tasks and Activities
<ul style="list-style-type: none">• What can we say about the topic?• What are some things we have learned about the topic?• Does this go with our topic?• Have we answered our questions about the topic?• How can we organize what we learned in these categories?• What can we write from the book that will help us remember things about our topic?	<ul style="list-style-type: none">• Use shared or shared dialogic reading or anchor read apply text comprehension strategies to read and gather facts and details about the topic.• Use think alouds to support students' information that supports their opinion.• Scribe facts and details into a graphic organizer or other outline strategy (e.g., L—what I've learned about the topic within a KWHL chart for notetaking).

Elaborate on the purpose for the text.

Develop ideas by providing supporting details.

Questioning Strategies	Tasks and Activities
<ul style="list-style-type: none">• What more can we learn and tell others about the topic?	<ul style="list-style-type: none">• Encourage students to learn more about the topic.• If needed, have students revisit the information sources to gather more information.• Scribe additional facts and details within the graphic organizer or outline strategy.