GROW PLANNER for NONFICTION LEARNERS

Topic: _____

 BIG Idea: _____
State the idea you want students to use to analyze the information they find. It should be a transferrable idea—an idea they can use to analyze the current topic and apply to other topics.

FOCUS Question: _____
Restate the idea as a question—as a focus for collecting, organizing, and analyzing information related to the BIG idea.

Goal EXPAND Knowledge	Learn: _____ Core Vocabulary (CCSSR4):
Read EXERCISE Skills	CCSSR1: Read closely, then infer with evidence CCSSR2: Identify important ideas CCSSR7: Integrate ideas and information from different kinds of sources Read/Listen to these materials: _____ _____ _____
Organize EXAMINE	Make a __glossary ___ list ___chart ___diagram __timeline __ _____
Write EXPLAIN	CCSW 2—Explanatory/Informative Text Write __ sentences __ paragraph __ letter __ poem __booklet __ _____ ___Draw pictures/symbols with captions

EXPAND: Synthesize/Create
CCSSW7. Conduct short as well as more sustained research projects based on focused questions.

__make an exhibit/display __dramatize __write a brochure ___present a lesson

__ _____

EXAMPLE

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Topic: Pioneers

BIG Idea: Pioneers overcome challenges.

FOCUS Question: What qualities enable pioneers to meet challenges successfully?

Goal EXPAND Knowledge	Learn more about: the characteristics of pioneers Core Vocabulary: (CCSSR4) challenge collaboration persistence pioneer
Read EXERCISE Skills	CCSSR1: Read closely, then infer with evidence CCSSR2: Identify important ideas CCSSR7: Integrate ideas and information from different kinds of sources Read/Listen to histories of pioneers including primary sources.
Organize EXAMINE	Make a • glossary • chart • timeline
Write EXPLAIN	CCSW 2—Explanatory/Informative Text Write • sentences • pictures and captions • constructed response

EXPAND: Synthesize/Create
CCSSW7. Conduct short as well as more sustained research projects based on focused questions.

Write the diary of a pioneer child
Make an exhibit showing challenges that pioneers overcame.

EXAMPLE

GROW PLANNER for NONFICTION LEARNERS

Topic: Chicago Jobs

BIG Idea: Jobs have changed in many ways.

FOCUS Question: How have jobs changed in Chicago?

Goal EXPAND Knowledge	Learn more about: kinds of work. Core Vocabulary: (CCSSR4) career business service technology skills
Read EXERCISE Skills	CCSSR1: Read closely, then infer with evidence CCSSR2: Identify important ideas CCSSR7: Integrate ideas and information from different kinds of sources Read newspapers and history books and museum exhibits.
Organize EXAMINE	Make a • Glossary • Chart • Timeline
Write EXPLAIN	CCSSW 2—Explanatory/Informative Text Write • Illustrate the timeline of changes in a kind of work. • Write constructed response

EXPAND: Synthesize/Create
CCSSW7. Conduct short as well as more sustained research projects based on focused questions.

Make a display showing careers in the city of the past, today, and the future.

EXAMPLE

GROW PLAN for NONFICTION LEARNERS

Topic: Animal Adaptation

NGSS Cross-Cutting Concept: Structure and Function

BIG Idea: Each part of every animal helps it stay alive.

FOCUS Question: How do the parts of an animal help it live?

Goal EXPAND Knowledge	Learn more about: how animals have adapted to survive Core Vocabulary: adapt animal size shape behavior physical
Read EXERCISE Skills	CCSSR1: Read closely, then infer with evidence CCSSR2: Identify important ideas Read/Listen to animal sources—books, videos, Internet sources
Organize EXAMINE	Make a • Glossary • List • Chart • Diagram
Write EXPLAIN	CCSSW 2—Explanatory/Informative Text Write • paragraph • report Draw pictures with captions.

EXPAND: Synthesize/Create
CCSSW7. Conduct short as well as more sustained research projects based on focused questions.

- make an exhibit/display showing how animals adapt to live
- write the autobiography of an animal

Cross Cutting Concepts: Ideas to Think With

Cross-Cutting Concepts of History
apply to geography, economics, civics, culture.

- Change
- Causes and Effects
- Challenge
- Choice
- Context
- Continuity
- Identity
- Relationships
- Values

Source: Center for Urban Education and the Chicago History Museum

Crosscutting Concepts of Science—NGSS—
apply to every part of science.

- Patterns
- Cause and effect: Mechanism and explanation
- Scale, proportion, and quantity
- Systems and system models
- Energy and matter: Flows, cycles, and conservation
- Structure and function
- Stability and change

Source: A Framework for K-12 Science Education:
Practices, Crosscutting Concepts, and Core Ideas
http://www.nap.edu/catalog.php?record_id=13165