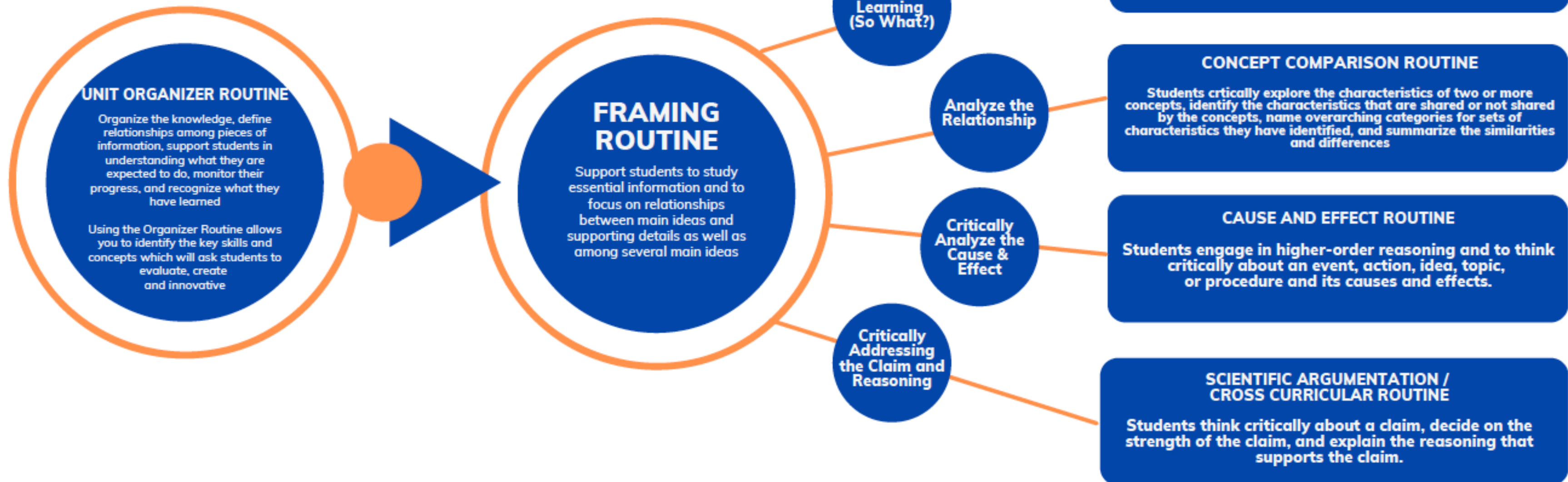


**Content Enhancement Routines to Engage Students
in the Critical Skills of
Higher Order Thinking and Reasoning**

**Content Enhancement Routines for Organizing
Content to Support Student
Exploration of Topics and Details**



UNIT ORGANIZER ROUTINE

Organize the knowledge, define relationships among pieces of information, support students in understanding what they are expected to do, monitor their progress, and recognize what they have learned

Using the Organizer Routine allows you to identify the key skills and concepts which will ask students to evaluate, create and innovative

FRAMING ROUTINE

Support students to study essential information and to focus on relationships between main ideas and supporting details as well as among several main ideas

Extend the Learning (So What?)

Analyze the Relationship

Critically Analyze the Cause & Effect

Critically Addressing the Claim and Reasoning

QUESTION EXPLORATION ROUTINE

Students critically examine the critical question, key terms and definitions, supporting questions and answers, and a main idea that synthesizes the information into a concise answer to the critical question

CONCEPT COMPARISON ROUTINE

Students critically explore the characteristics of two or more concepts, identify the characteristics that are shared or not shared by the concepts, name overarching categories for sets of characteristics they have identified, and summarize the similarities and differences

CAUSE AND EFFECT ROUTINE

Students engage in higher-order reasoning and to think critically about an event, action, idea, topic, or procedure and its causes and effects.

SCIENTIFIC ARGUMENTATION / CROSS CURRICULAR ROUTINE

Students think critically about a claim, decide on the strength of the claim, and explain the reasoning that supports the claim.