

Science



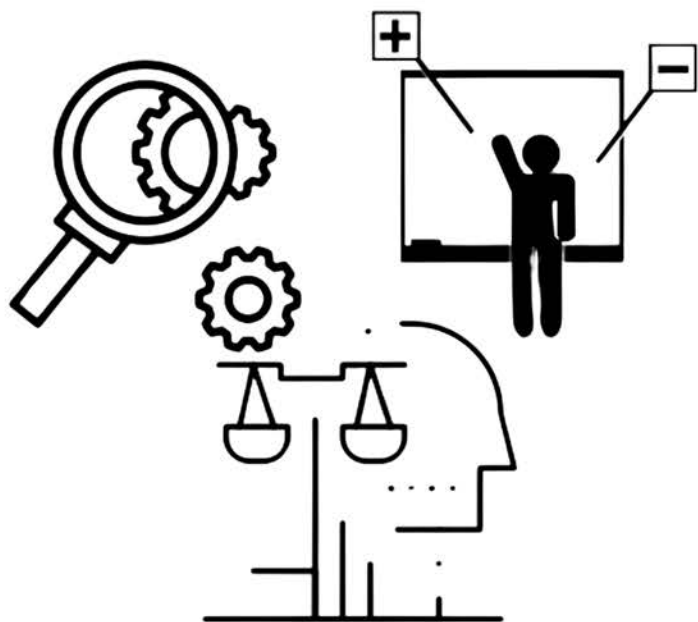
THIS CRITERION ASSESSES YOUR ABILITY TO...

CRITERION A

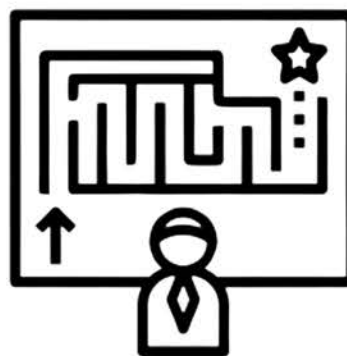
Knowing & understanding



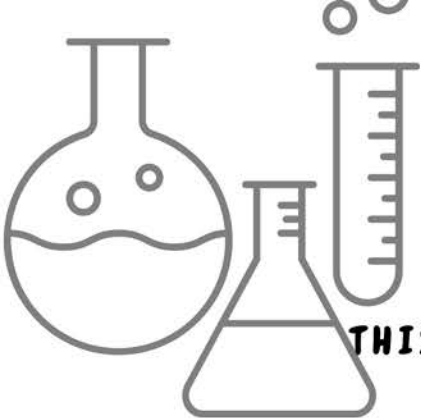
i. Explain scientific knowledge



ii. apply scientific knowledge & understanding to solve problems set in familiar & unfamiliar situations



iii. analyse & evaluate information to make scientifically supported judgements



Science



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CRITERION B

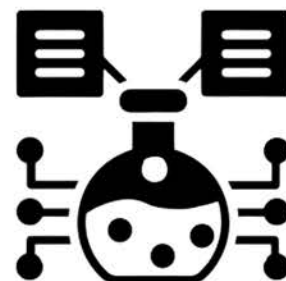
Inquiring &
Designing



i. Explain a problem or question to be tested by a scientific investigation

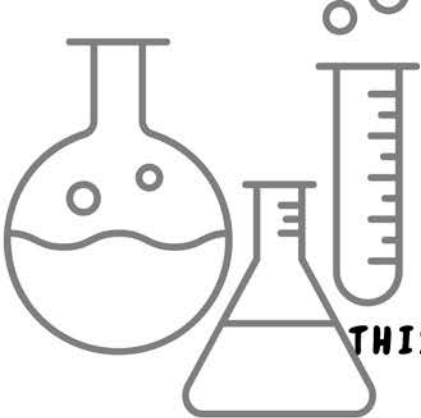


ii. Formulate a testable hypothesis & explain it using scientific reasoning



iii. Explain how to manipulate the variables, & explain how data will be collected

iv. Design scientific investigations



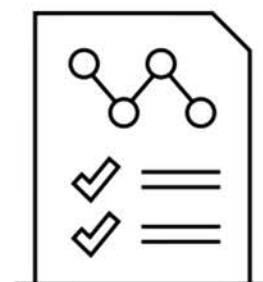
Science



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CRITERION C

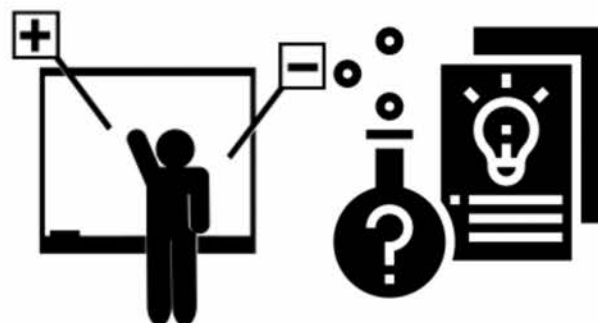
Processing &
Evaluating



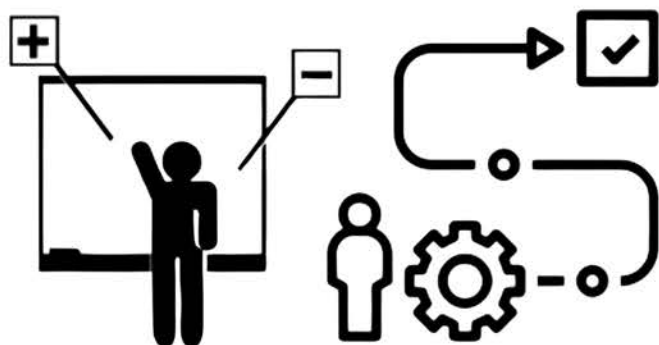
i. Present collected and transformed data



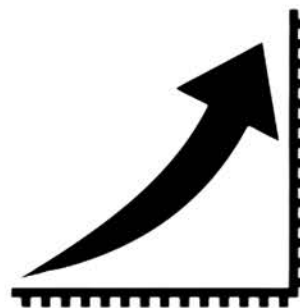
ii. interpret data & explain results using scientific reasoning



iii. evaluate the validity of a hypothesis based on the outcome of the scientific investigation.



iv. Evaluate the validity of the method



v. Explain improvements or extensions to the method



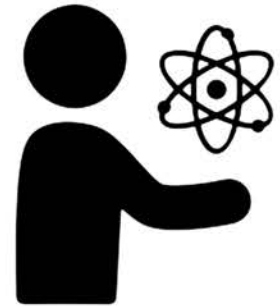
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CRITERION D

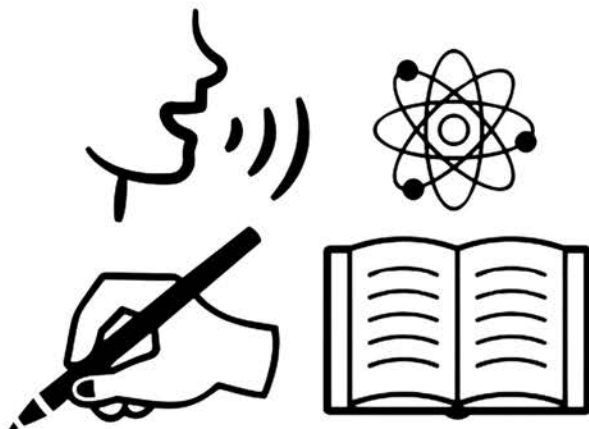
Reflecting on the
Impacts of Science



i. Explain the ways in which science
is applied & used to address a
specific problem or issue



ii. Discuss & evaluate the
various implications of the
use of science and its
application in solving a
specific problem or issue



iii. Apply scientific
language effectively

iv. Document the work of
others & sources of
informations used

