

DEFINE
Think through the scope of the problem and define a question. Identify the information you will need to solve the problem.

TRANSLATE
Transform the question into an abstract form such as code, diagrams or algorithms that can be translated computationally. Choose the relevant tool to derive a solution

COMPUTE
Apply an appropriate level of computational power to the abstract form, be that modern computers or mental agility, to obtain answers. Identify and resolve operational issues during the computation.

INTERPRET
Take the abstract answer and interpret the results. Re-contextualize them in the scope of the original question and skeptically verify them. Correct errors and re-define your question as needed.

Computational Thinking

