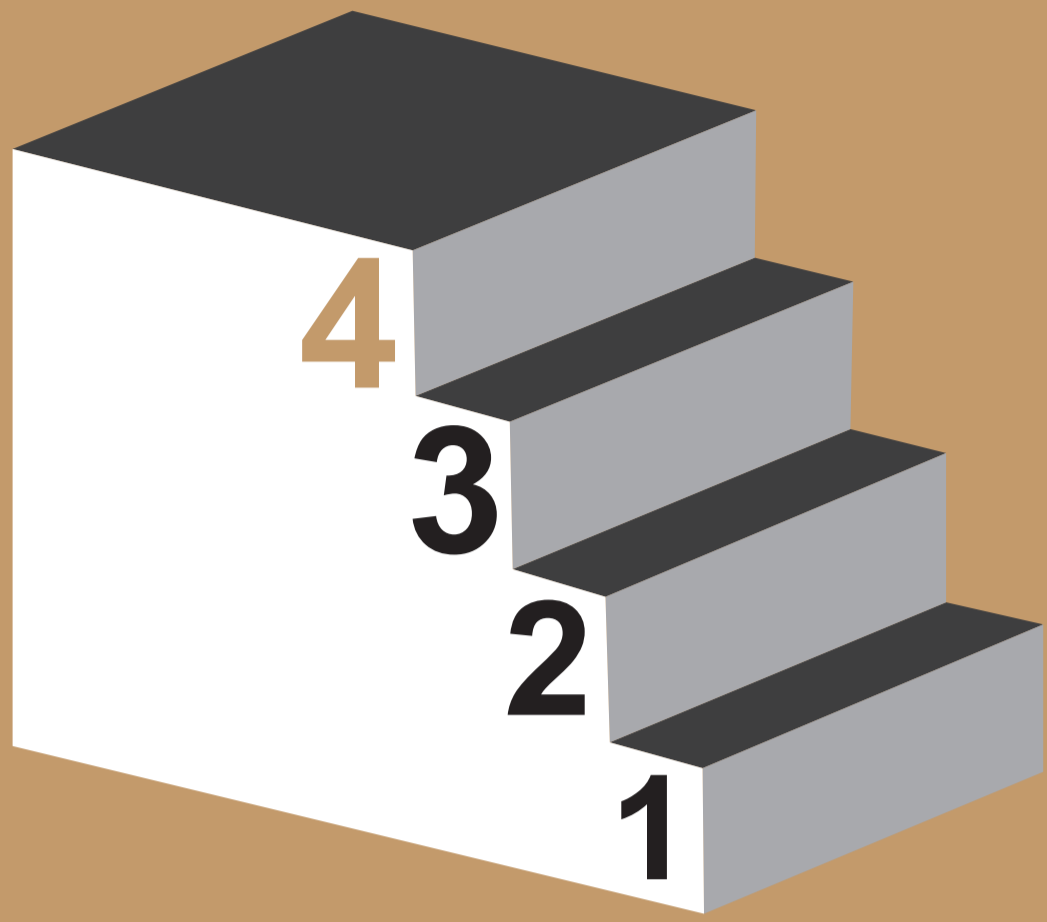# DOK DEPTH OF KNOWLEDGE
ALIGNING FOUR LEVELS OF KNOWLEDGE TO PERSONALIZED LEARNING AND CAREER ADVANCEMENT
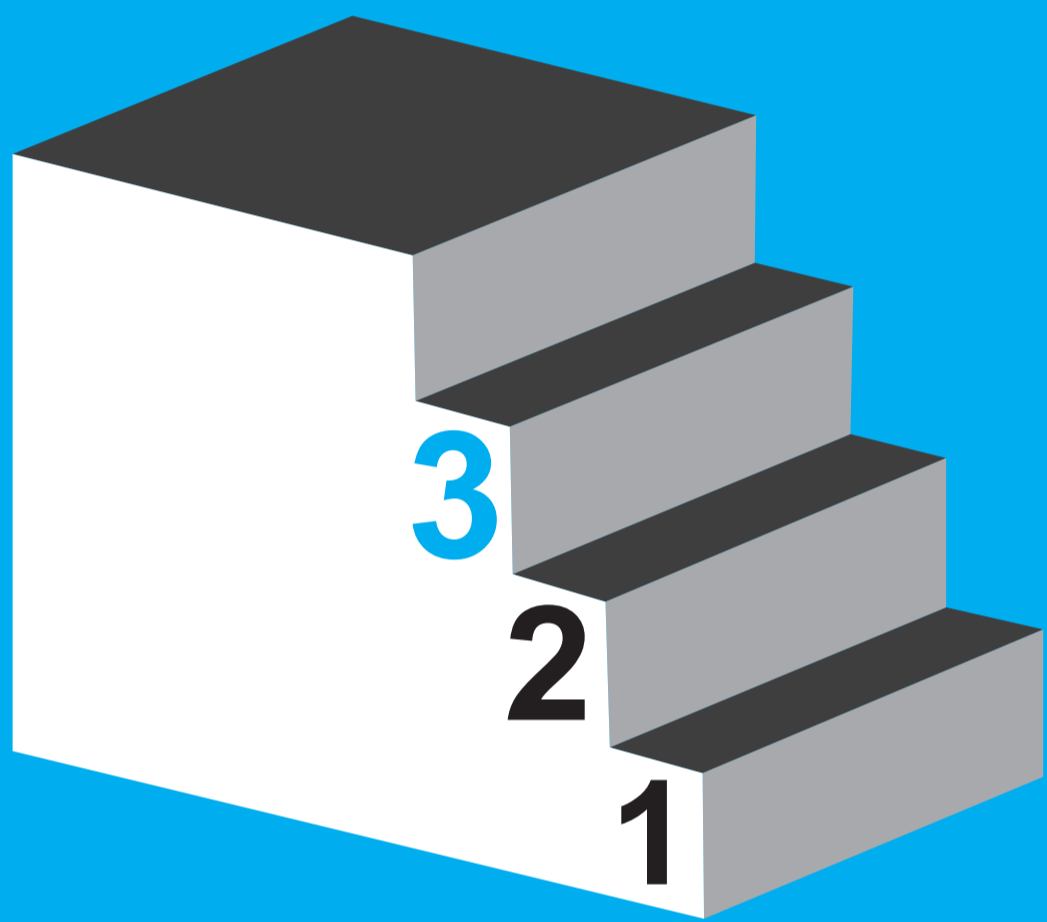

BIG THINK: CREATE, DESIGN AND IMPLEMENT SOLUTIONS TO COMPLEX REAL-WORLD CHALLENGES

A TECH/SHOP FOREMAN

LEADERSHIP AND/OR ADVANCED TECHNICAL POSITION INVOLVING INNOVATION

- Explain a concept across many domains
- Create and justify big ideas
- Implement a solution and analyze results
- Sort and analyze multiple sources of information
- Do advanced research and networking
- Apply understandings in a novel way
- Articulate new perspectives
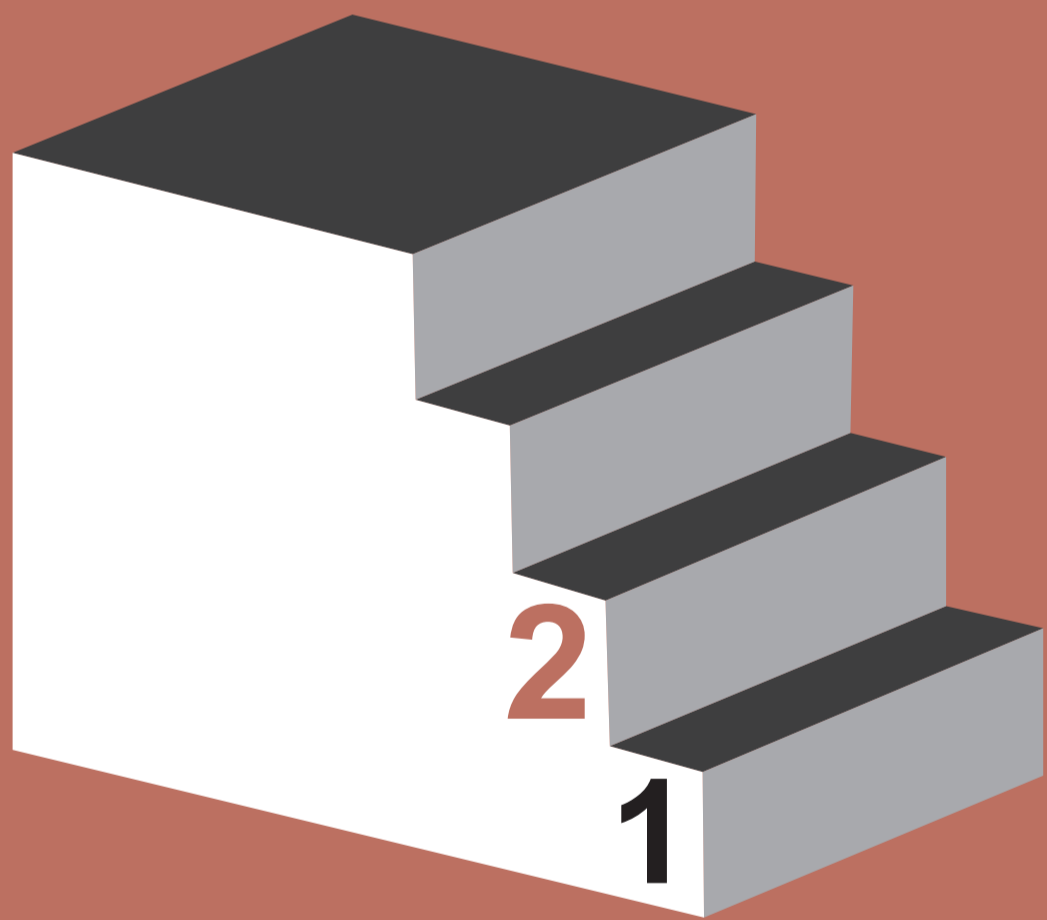- Create a substantial and complex product / project

4

TRANSFER: ANALYZE, RESEARCH AND APPLY YOUR KNOWLEDGE AND SKILLS TO SOLVE COMMON INDUSTRY PROBLEMS

A TECH

DYNAMIC AND DEMANDING POSITION REQUIRING CONSTANT PROBLEM-SOLVING AND DEEP KNOWLEDGE

- Explain with evidence
- Justify ideas and solutions through deep research
- Conduct an investigation / troubleshoot
- Use reasoning and evidence to support or revise a plan
- Interpret complex information
- Develop a substantial argument
- Create graphs, tables and diagrams
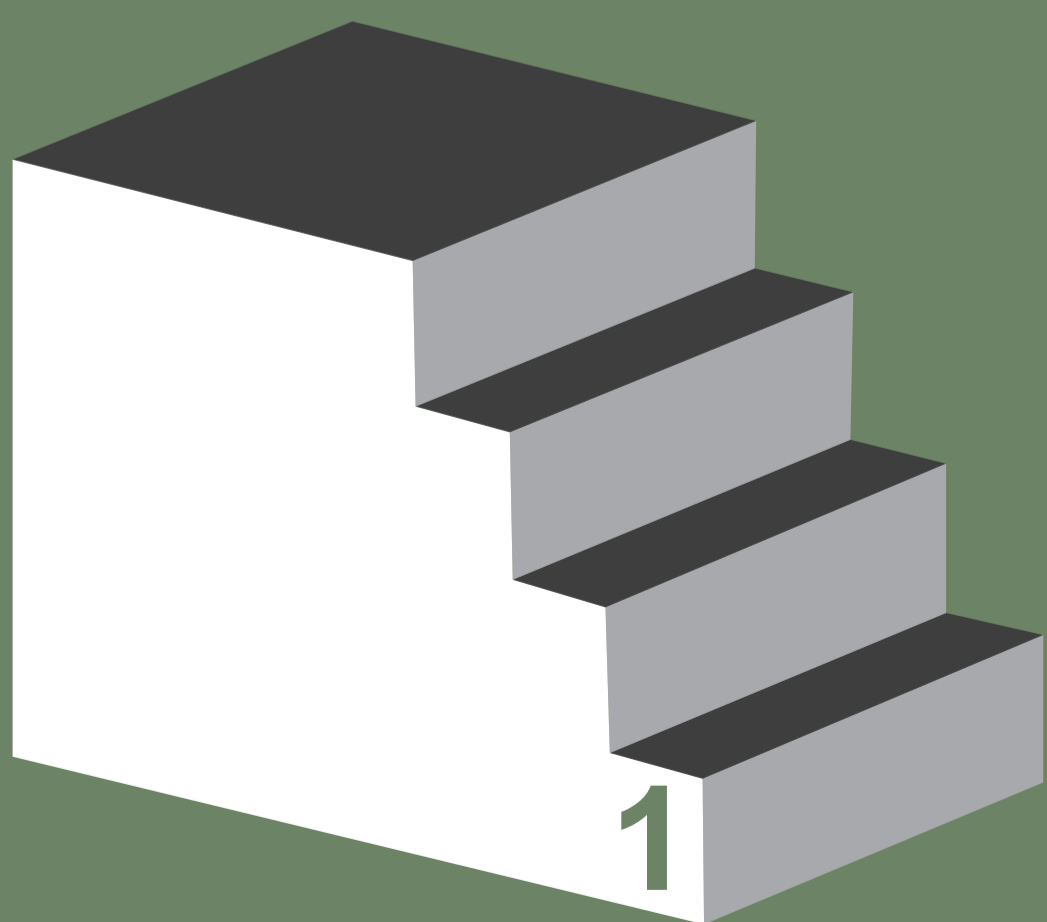- Critique drawn conclusions using research and evidence

3

MAKE SENSE OF IT: KNOW AND SHOW HOW SYSTEM COMPONENTS ALIGN AND WORK TOGETHER

B TECH

POSITION INVOLVING COMPLETION OF COMPLEX REPETITIVE TASKS

- Use appropriate tools
- Interpret information using graphs and diagrams
- Explain relationships of facts, terms and details
- Summarize procedures
- Interpret core information
- Compare similarities and differences
- Organize and represent data
- Predict results

2

BASICS: RECALL, REMEMBER AND CATEGORIZE ROUTINE DETAILS RELATED TO INDUSTRY SYSTEMS

C TECH/LUBE TECH

POSITION REQUIRING COMPLETION OF BASIC REPETITIVE TASKS

- Recall key facts, terms, details
- Do basic procedures
- Describe/explain who, what, where, when
- Solve routine problems
- Identify a basic trend, pattern, cause or effect.
- Demonstrate safe procedures
- Retrieve data
- Describe similarities and differences

1

CRTC CONCORD REGIONAL TECHNICAL CENTER

BE PREPARED TO STAND OUT