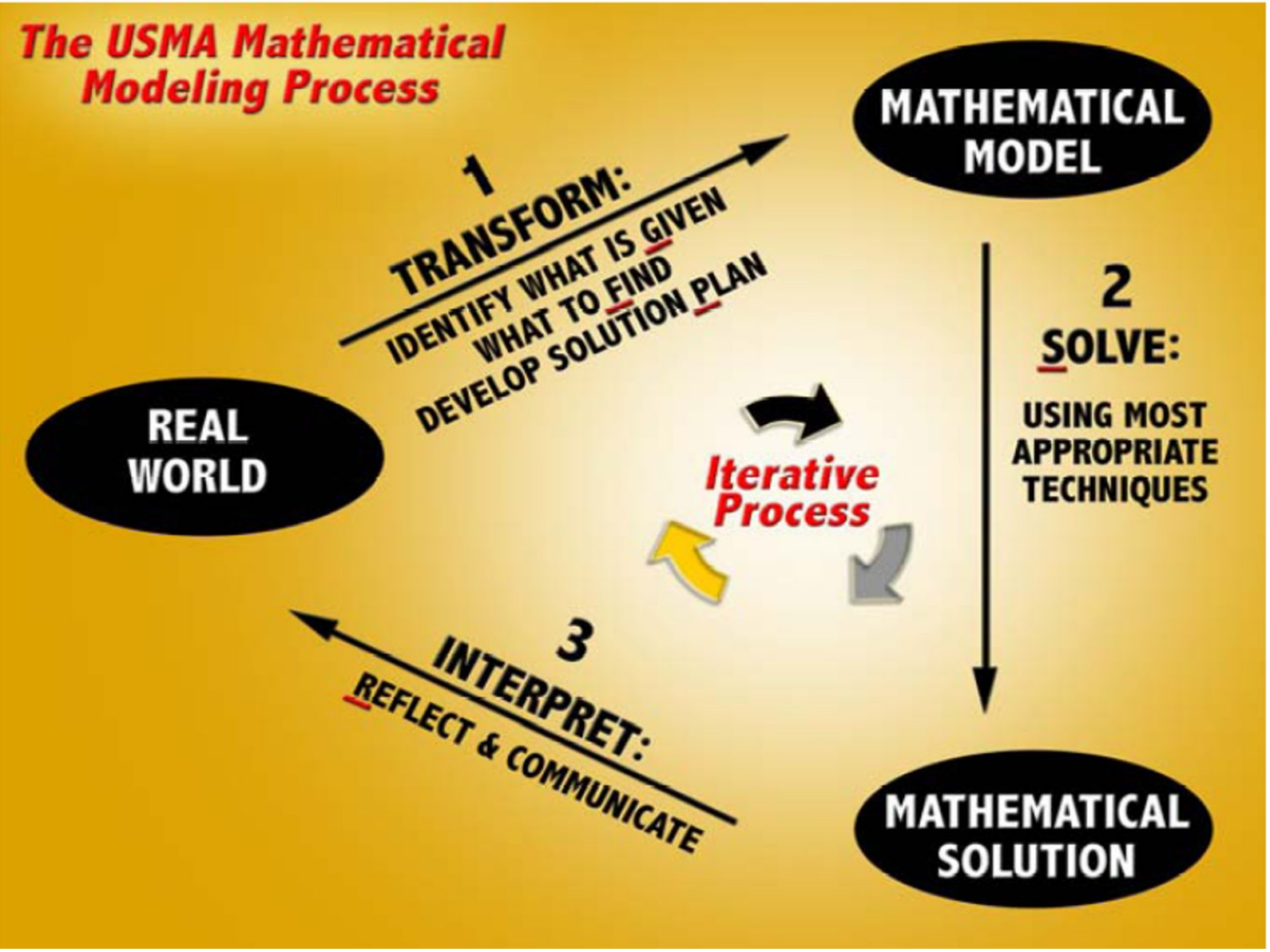
The USMA Mathematical Modeling Process
MATHEMATICAL MODEL
1
TRANSFORM:
IDENTIFY WHAT IS GIVEN
WHAT TO FIND
DEVELOP SOLUTION PLAN
2
SOLVE:
USING MOST APPROPRIATE TECHNIQUES
REAL WORLD
Iterative Process
3
INTERPRET:
REFLECT & COMMUNICATE
MATHEMATICAL SOLUTION