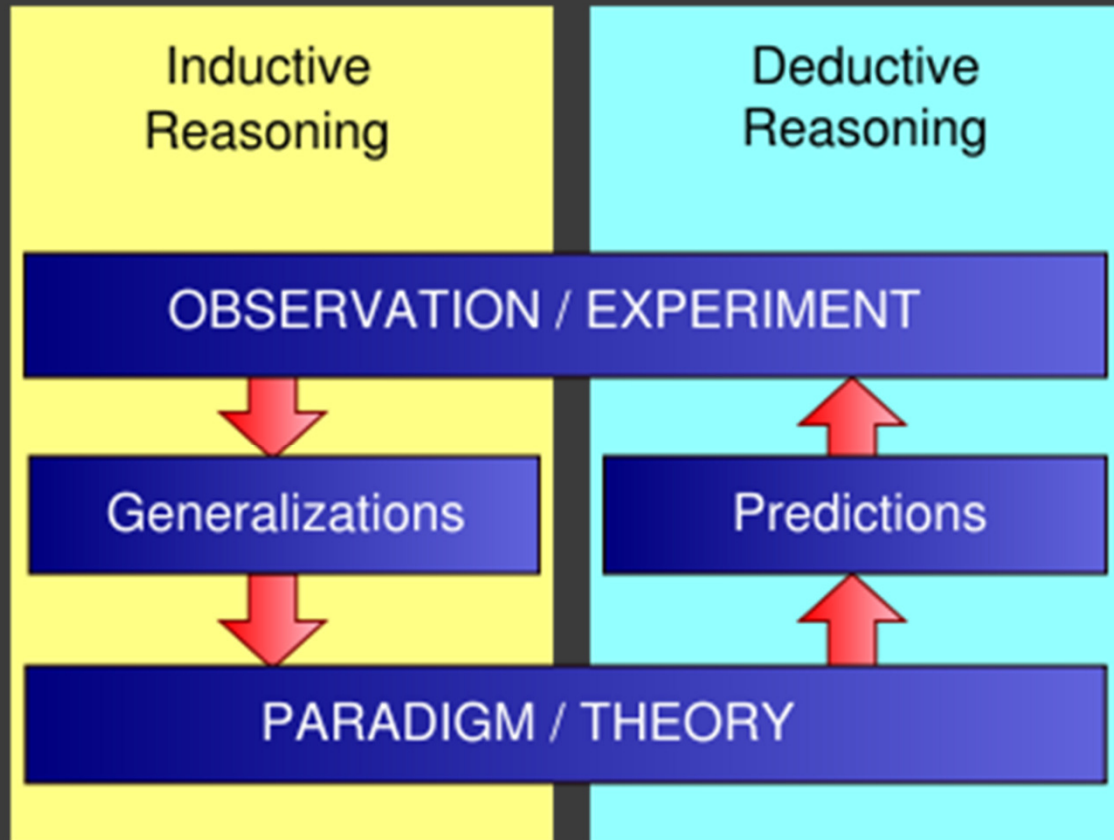


INDUCTIVE OR DEDUCTIVE REASONING?

Remember...



Induction or Deduction?

- ◎ Sarah wants to determine her Body Mass Index. She weighs herself on the scale in her bathroom and has her sister measure her height with a meter stick. She then uses a chart she finds online to determine her BMI.

Induction or Deduction?

- Sarah wants to determine her Body Mass Index. She weighs herself on the scale in her bathroom and has her sister measure her height with a meter stick. She then uses a chart she finds online to determine her BMI.

DEDUCTION—Sarah is using a standard chart to conclude her specific BMI.

Induction or Deduction?

- Darrell is an avid fisherman. He goes to Bass Pro Shop and purchases 5 different lures to catch bass. After a few days on the lake, he determines a sliver and red spinner bait is the best type of lure for catching largemouth bass.

Induction or Deduction?

- Darrell is an avid fisherman. He goes to Bass Pro Shop and purchases 5 different lures to catch bass. After a few days on the lake, he determines a sliver and red spinner bait is the best type of lure for catching largemouth bass.

INDUCTION—Darrell makes specific observations regarding the fish he catches and concludes a general outcome regarding largemouth bass.

Induction or Deduction?

- Amy is learning how to golf. After watching other players at the driving range, she determines that a wide stance and follow-through make for the most accurate swing.

Induction or Deduction?

- Amy is learning how to golf. After watching other players at the driving range, she determines that a wide stance and follow-through make for the most accurate swing.

INDUCTION—Amy is making specific observations about her fellow golfers to determine a general formula for success.

Induction or Deduction?

- Alyssa is in nursing school. She must commute from Winona, Minnesota to the Mayo Clinic in Rochester, Minnesota every day to complete her internship. Over the course of a week, she finds it takes her anywhere from 35 to 55 minutes to get to Rochester. She determines she should leave about an hour before her scheduled shift every day in order to be on time.

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INDUCTION—Alyssa makes specific observations regarding her commute and uses them to draw a general paradigm.

Induction or Deduction?

- Nicole is a new middle school teacher. She is set to be evaluated by her principal next week. He has given her a rubric that he will use to evaluate her. In designing her lesson, Nicole makes sure that her plan meets all of the expectations of her boss' list.

Induction or Deduction?

- ⦿ Nicole is a new middle school teacher. She is set to be evaluated by her principal next week. He has given her a rubric that he will use to evaluate her. In designing her lesson, Nicole makes sure that her plan meets all of the expectations of her boss' list.

DEDUCTION—Nicole is using a very general rubric to guide the creation of her specific lesson.