

ARGUMENTATION & MODELING

Week 2

ARGUMENTATION

how to
make and
evaluate
claims

ARGUMENTATION

Making a Claim

- Start from a premise (set of assumptions)

- Follow a Certain Logic

ARGUMENTATION

Making a Claim

- Start from a premise (set of assumptions)
 - Can the premise be validated?
 - Are the assumptions justified?
- Follow a Certain Logic
 - Are the logical rules reasonable?
 - Are they followed?

ARGUMENTATION

Making a Claim

The sea is blue because the sky is blue.

- Start from a premise (set of assumptions)
 - Can the premise be validated?
 - Are the assumptions justified?
- Follow a Certain Logic
 - Are the logical rules reasonable?
 - Are they followed?

ARGUMENTATION

Making a Claim

The sea is blue because the sky is blue.

- **Start from a premise (set of assumptions) : The sky is blue**
 - Can the premise be validated?
 - Are the assumptions justified?
- **Follow a Certain Logic**
 - Are the logical rules reasonable?
 - Are they followed?

ARGUMENTATION

Making a Claim

The sea is blue because the sky is blue.

- **Start from a premise (set of assumptions) : The sky is blue**
 - Can the premise be validated?
 - Are the assumptions justified?
- **Follow a Certain Logic : The sea reflects the color of the sky**
 - Are the logical rules reasonable?
 - Are they followed?

ARGUMENTATION

When we are trying to evaluate whether we agree with a claim, this can help us identify where the trouble is.

In the next two slides, identify where the claim gets tripped up.

ARGUMENTATION

Making a Claim

The sea is orange because the sky is orange.

- Start from a premise/set of assumptions
 - Can the premise be validated?
 - Are the assumptions justified?
- Follow a Certain Logic
 - Are the logical rules reasonable?
 - Are they followed?

ARGUMENTATION

Making a Claim

The sea is orange because the sky is blue.

- Start from a premise/set of assumptions
 - Can the premise be validated?
 - Are the assumptions justified?
- Follow a Certain Logic
 - Are the logical rules reasonable?
 - Are they followed?

ARGUMENTATION

Facts

Verifiable and
consistently
validated true

Untested Claims

Verifiable but
haven't been
or cannot
presently be

Opinions

An untestable
belief

ARGUMENTATION

Facts

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What about self reports? How would you categorize something like "I am cold."?

ARGUMENTATION

Positive

how the world is.

the sea level is rising.

it is 80 degrees fahrenheit
in this room.

Normative

how the world should be.

the government's
primary focus should be
climate change.

i am cold.

REFERENCE LIST

Murray, Bruce. (2018). Fact, Opinion, False Claim, or Untested Claim? *The Reading Genie, Auburn University*. Retrieved September 5, 2019 from <http://wp.auburn.edu/rdggenie/home/critical/fact-opinion/>

Next Class (9/10/21)

- No Reading
- No Weekly Review
- Question Building
 - No preparation necessary
 - Be available to participate in class
 - chat is okay
 - phone is okay (including LAN line)

FOR NEXT
FRIDAY

09/10