

Observation, Inference & Prediction Teacher Notes/Answer Key

Observation, Inference, Prediction

To observe means to gather factual information about your surroundings using your FIVE SENSES which includes:

EYES: SIGHT

TONGUE: TASTE

NOSE: SMELL

EARS: HEARING SOUND

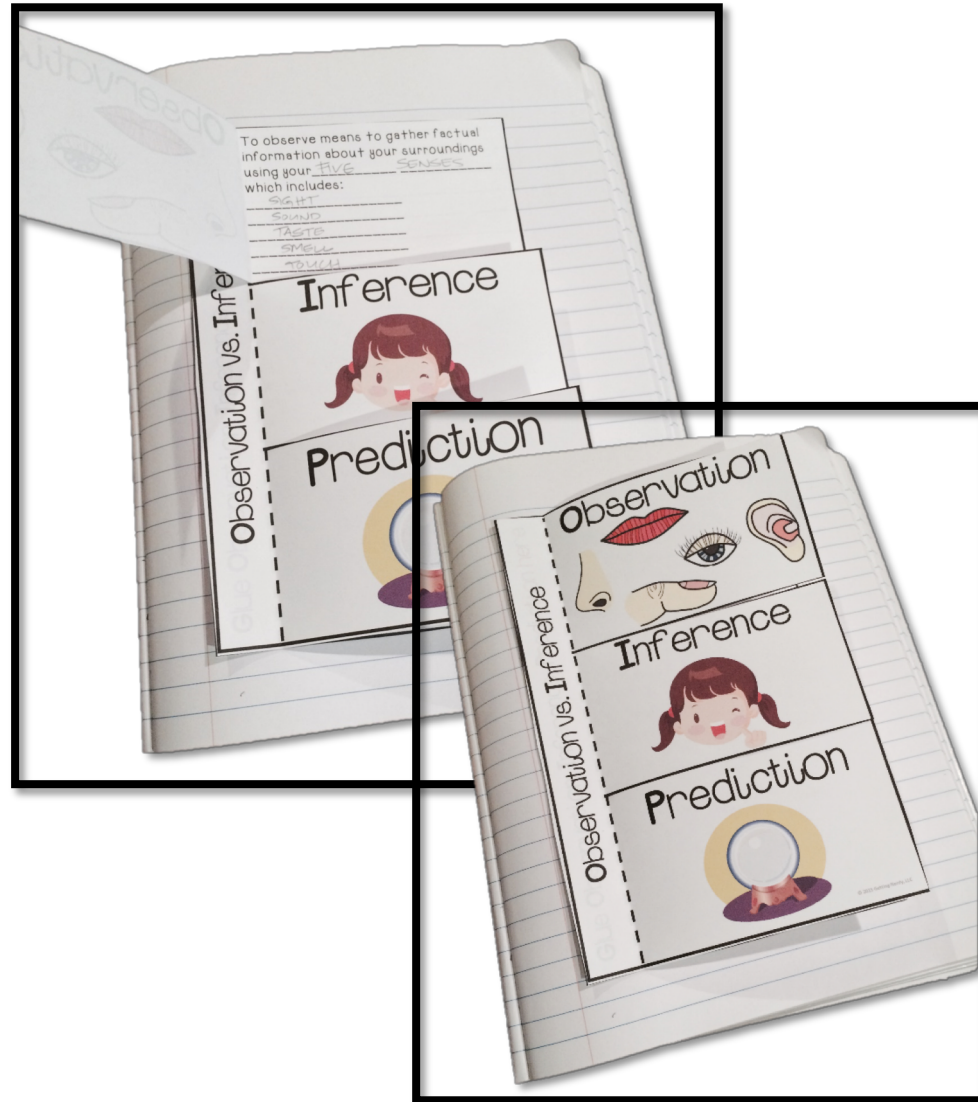
TOUCH

To infer or make an inference means to use the information gathered during OBSERVATION to make an EDUCATED GUESS or an OPINION about things that are not necessarily seen or known. Inferences are our way of interpreting the data we collect as we draw conclusions about a situation. Inferences can be wrong and often change as new observations are made.

A prediction is a FORECAST of what WILL HAPPEN in the FUTURE based on EVIDENCE or past experience. How does inference differ from predicting?

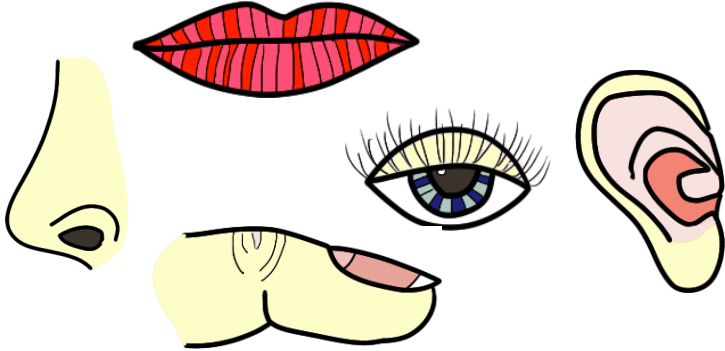
While inferences are attempts to explain what is happening or what has already happened, predictions are attempts to determine what will happen in the future.

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Directions: Cut out and glue the diagram into your notebook along the back of the tab. Cut along the three vertical lines to split the picture in thirds. Fold the tabs back along the dashed line and apply glue to the back of the tab. Underneath the flaps, describe observation, inference and prediction.

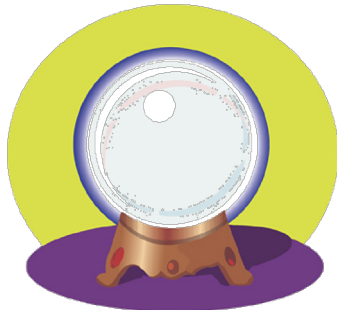
Observation



Inference



Prediction



Glue Observation, Inference, Prediction here

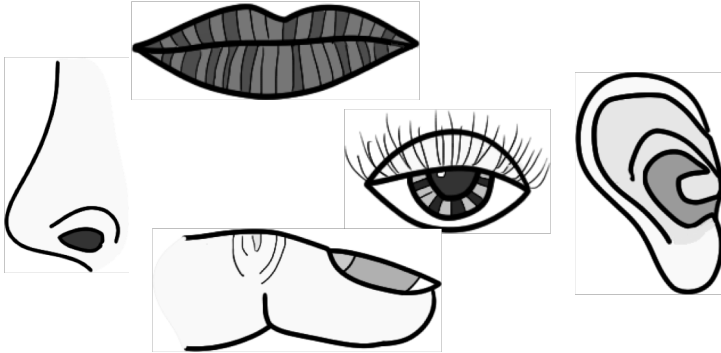
To observe means to gather factual information about your surroundings using your _____

_____ which includes:

To infer or make an inference means to use the information gathered during _____ to make an _____ about things that are not necessarily seen or known. Inferences are our way of interpreting the data we collect as we draw conclusions about a situation

A prediction is a _____ of what _____ in the _____ based on _____ or past experiences. How does a prediction differ from an inference?

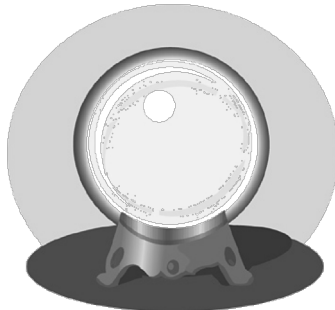
Observation



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