



# Corrosion of Iron

## Predict

Predict what will happen to the iron nails when they are left in each solution for a week.

## Explain

Compare your observations to your original prediction. Explain the science behind your observations.

## Explain

Provide reasons for each prediction, based on your knowledge of science.

## Observe

Detailed observations of what happened to the nails after a week. Include drawings if useful.

# Apply

Relate what you have observed (and explained) to daily life.

## Evaluation

	Level 0	Level 1	Level 2	Level 3	Level 4
Predictions and Explanations	does not make predictions that are justified	makes predictions and justifies them with limited effectiveness	makes predictions and justifies them with some effectiveness	makes predictions and justifies them with considerable effectiveness	makes predictions and justifies them with a high degree of effectiveness
Observations	does not record clear observations	records clear observations with limited effectiveness	records clear observations with some effectiveness	records clear observations with considerable effectiveness	records clear observations with a high degree of effectiveness
Explanations	does not explain observations and resolve discrepancies	explains observations and resolves discrepancies with limited effectiveness	explains observations and resolves discrepancies with some effectiveness	explains observations and resolves discrepancies with considerable effectiveness	explains observations and resolves discrepancies with a high degree of effectiveness
Application	does not make valid connections between chemistry and daily life	makes connections between chemistry and daily life with limited effectiveness	makes connections between chemistry and daily life with some effectiveness	makes connections between chemistry and daily life with considerable effectiveness	makes connections between chemistry and daily life with a high degree of effectiveness



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## Apply

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## Evaluation

Feedback from your teacher about your predictions, observations, and explanations.