

PLANET CATEGORIZATION: RUBRIC (MARKING SCHEME)

Scientific Basis

- 3 Criteria are based on scientifically observed data, providing a strong argument
- 1 Most criteria are based on scientifically observed data, providing a weak argument
- 0 Criteria are not scientifically-based, providing a poor argument

Reasoning involves numbers and mathematics

- 3 Reasoning in the definition shows an understanding of properties of numbers and measurement
- 2 Reasoning in the definition may show an understanding of properties of numbers and measurement
- 0 Reasoning in the definition does not show an understanding of properties of numbers and measurement

Applicability

- 3 Definition applies to known celestial objects on hand-outs
- 2 Definition applies to almost all known celestial objects on hand-outs
- 0 Definition does not apply to most of objects on hand-outs

Flexibility

- 3 Definition is open for many new discoveries
- 2 Definition is somewhat specific and restrictive
- 0 Definition is excessively specific and too restrictive

Chart

- 3 Chart "My Category" column is completed
- 2 Chart is mostly completed
- 0 Chart is incomplete

Language

- 5 Definition is written in clear, grammatically correct English language
- 3 Minor errors in language, but meaning is retained
- 1 Many errors, leading to unclear meaning
- 0 Excessive errors, unclear meaning

Bonus

- 1 Definition developed with use of additional knowledge

/20 TOTAL MARKS