

PROCEDURE

- Create a **dichotomous key** (refer to insect, whale, fish and shark for examples)
- Use a minimum of **8 specimens** (a maximum of 10) - must be closely related (i.e. butterflies, seahorses, snakes, bacteria, tulips – the options are limitless!)
- Leading to **genus and species names** (you may include the common name in brackets **underneath**)
- **Lifelike specimens** which are sturdy and will store well

MUST BE

- Based on real biological, taxonomic differences (you can NOT create a species that doesn't exist)
- Specimens must be **numbered**, with an **answer key located on the back or flip down underneath**
- **Poster size** – with key(s) and biological terms explained in your **own words** – **diagrams are helpful**
- Include a **legend** (one or more) to help define terminology and location of features on specimen

	Remedial	Level 1	Level 2	Level 3	Level 4
Research	Incomplete or incorrect bibliography			Bibliography is complete Highlighting of important information is missing	Complete and correct bibliography Sources cited – a variety used Highlighted important details
Key(s)	Key doesn't work Common (rather than biological names) used in key Explanations not in own words	Single omission in terms	Slight errors in terms (terminology)	Key works/able to follow terms Biological terms are explained in own words Proper scientific names	Biological terms well-differentiated Pertinent diagram(s) – useful to reader and helps to clarify Information explained in own words
Biological Accuracy	Insufficient attention to biological details to satisfy the key	Work appears rushed Little accuracy on biological models	Some attention to biological details Hard to distinguish some characteristics	Sufficient attention to biological details to satisfy the key Details are recognizable	High attention to biological features and details Specimens appear life-like and highlight important features
Visual Display (Poster Dichotomous Key)	Ambiguous, messy Incorrect spelling Haphazard (shows no attention to detail)			Biologically accurate and complete Good organization, colourful and creative	Pleasing and artistic Sturdy – can be stored well Poster is exceptionally organized and information is easily located

**** No individual may do more than half the project.**

In the space below, make a clear distinction of **who did what** by highlighting individual roles in the rubric and giving a brief description (only for those working in pairs).

Due Date: Monday September 26th, 2011