Bio12 **Task 1**- **Topic Brainstorm** Name: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_Block: \_\_\_\_\_\_\_

What topics have grabbed your attention most? Create a web to gather info & to brainstorm the topics & questions interest you

* Build your background knowledge, create a web to record ideas, vocabulary and concepts as you investigate
* Build your foundation of understanding with simple “quick questions” and point form answers. Colour code the Qs
* Keep track of your sources in Wordfast.com bibliography. Strong sources will eventually be evaluated
* Build some deeper questions… add and colour code 1-3 complex questions that evolve from your research

**Checkpoint 1:** **Topic Brainstorm is Complete Check Date: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_**

***Skill: I can process and analyze information***

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| --- | --- | --- |
| **Try this next!** | **Topic Brainstorm** | **You Rocked it!** |
|  | -Web has 5 or more headings  -Research notes are organized in subtopics  -Own words used to define key vocab  -Concepts are well summarized  -Foundation of knowledge shown well  -Connecting lines show links  -Colour used code to identify simple Qs  -Colour code use to identify complex Qs  -Evidence of question development through relationships, inferences, creation of deeper Qs  -Beginning of bibliography is attached |  |

Bio12 **Task 2**- **Research Notes & Bibliography** Name: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_Block: \_\_\_\_\_\_\_

**Checkpoint 2:**  **Bibliography Check Date: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_**

***Skill: I can evaluate sources of information***

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| --- | --- | --- |
| **Try this next!** | **Research Notes and Bibliography** | **You Rocked it!** |
|  | * Variety of sources of info includes * Magazine Article or Book * Scientific journal article   + (from the abstract is ok) * Electronic articles / sources from data base (Enclyopedia, EBSCO, GALE) * NO Wikipedia and NO WebMD * Recently published sources * Author/ institution/ web source is strong |  |

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| --- | --- | --- |
| **Try this next!** | **Research Notes** | **You Rocked it!** |
|  | * Notes made from several sources * Own words used * Point form / summarized * No copy and paste * Depth of research has developed |  |



**Task 3- Choose a Topic & Develop a Research Question**  Name: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ Block: \_\_\_\_\_

TOPIC CHOICE: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ Check Date: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

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| **Quick Questions**  *(Key background knowledge to address a topic. Involve Remembering or Understanding, can be “googled”* |
|  |
| **Deep Thinking Questions** (Involve *Applying, Evaluating, Analyzing or Creating. Not easily googled)* |
|  |
| **My refined research Q:** |
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| **Emerging**  I am able to formulate some questions about what I research  The questions are “quick Qs”  -literal Qs,  -mostly closed questions  - Qs not yet related to context |
| **Developing**  I can differentiate between quick and deeper questions  I can ask both quick (literal) Qs and deep thinking Qs (inferential)  Most of my Qs relate to understanding content  I can begin to apply some ideas |
| **Proficient**  My Qs connect & apply ideas  I can develop higher order questions  I can develop qs that analyze/evaluate/create |
| **Extending**  My Q examines relationships or different perspectives  I can make relevant inferences based on what I’ve read  My questions incorporate unique perspectives, generate discussion and debate |