**Q-Matrix to Create Empirical Questions**

**What Kind of Question is it?**

**Factual**: Of the nature of fact; real. (ex. Definition; Where did qualitative research come from?)

**Predictive:** To tell about something in advance of its occurrence by means of special knowledge or inference (ex. Formula; what will pie predict?)

**Analytical:** involving deductive reasoning from a general principle to a necessary effect (ex. History; Why did England colonize Australia?)

**Synthesis**: The combining of separate elements or substances to form a coherent whole or the act of applying to a particular purpose or use based on relevance or value (ex. Biology; Why would you use monkeys to study human behaviour?)

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| --- | --- | --- | --- | --- | --- | --- |
|  | Is | Did | Can | Would | Will | Might |
| What |  |  |  |  |  |  |
| Where |  | Factual |  |  | Predictive |  |
| When |  |  |  |  |  |  |
| Who |  |  |  |  |  |  |
| Why |  | Analytical |  |  | Synthesis/  Application |  |
| How |  |  |  |  |  |  |