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| **Main Topic:** Research Concepts  **Learning Objectives/Outcomes:** | | | |
| **Topic 1:** Validity & Reliability | **Topic 2:** Placebos | **Topic 3:** Blind & Double-Blind Trials | **Topic 4:** Randomization |
| **Ideas**  **What is validity?**  **What is reliability?**  **How do we determine if a method is reliable?**  **Why is this target an example of good reliability but poor validity?** | **Ideas**  **What is a placebo?**  **Do people know if they are getting a placebo?**  **What is the placebo effect?**  **Is the placebo effect a result of physical or psychological changes in patients’ health?** | **Ideas**  **What is a blind trial?**  **What is a double-blind trial?**  **What is the purpose of blind trials?**  **Why are double-blind trials sometimes needed?**  **What is bias?** | **Ideas**  **What is randomization?**  **What groups might a patient be randomly assigned to?**  **Why is a randomized clinical trial ended as soon as one treatment is proven to be more effective?** |
| **Key Vocabulary**  **Validity:**  **Reliability:** | **Key Vocabulary**  **Placebo:**  **Placebo Effect:** | **Key Vocabulary**  **Blind Trial:**  **Double-Blind Trial:**  **Bias:** | **Key Vocabulary**  **Randomization:** |
| **Pictures** | **Pictures** | **Pictures** | **Pictures** |