**Checklist for Planning with Multiple Modes of Representations**

**Selecting a representation for a science lesson/unit:**

* Accuracy: Does the representation include a valid and reliable understanding of the content?
* Linked to Standards: Does the representation communicate the science idea I’m teaching?
* Developmentally Appropriate: Does the representation communicate ideas that are age appropriate? Is the detail in text or image appropriate to topic for my age of students? Can representation be easily broken down for age you are working with?
* Free of Misconceptions: Does the representation introduce or reinforce common misconceptions about the content topic?
* Concise: Does the representation communicate the science content without including a lot of other information (too busy or complicated)?
* Engaging/Relatable: Does the representation communicate the science information in a way that students can understand? Does the representation connect to something that students have experienced or are interested in?

**Considering the presentation of representations in a science lesson/unit:**

* Vary modes: Am I presenting the same science information in different modes?
* Vary source: Are the representations I’ve chosen from multiple sources? (i.e. not a drawing and text from the same book)
* Concrete to More Abstract: Does the presentation of representations in my lesson/unit start with the more concrete and transition to more abstract? Does the presentation of modes in my lesson/unit increase in complexity?
* If non-fiction text: Where should I direct student attention first on the page? (visuals, text features, text)

**Planning for connections between modes**

* Clear connections across modes: Have I planned to make deliberate and clear connections between the concepts in the multiple modes across a lesson or within a piece of text?
* Connections between modes used in different content areas: Do I make deliberate and clear connections between the concepts in the multiple modes across a lesson or within a piece of text in my instruction in other subjects?