



## Part 1

### Launch Investigation Guide

A launch investigation engages learners with a phenomenon, discrepant event, or discussion. Use divergent questions to engage students. For example, ask, “What do we know about \_\_\_?” This whole-group investigation helps the teacher assess students’ previous knowledge and prepares students to ask probing or clarifying questions during a focus investigation or station investigation. Launch investigations get the learner’s attention and lead to guided or independent investigations. Students make connections, develop questions, and support critical thinking.



What **launch question** will engage students in this whole-group investigation?



What **materials** do I need to create interest for this concept and engage students in the investigation? What safety considerations are there and how will I address them?



What questions will I use to **assess** previous knowledge and **connect** to the focus investigation?



How will I **transition** students to the focus investigation? How will I **support** further thinking?