Questions to support children’s exploration and assess for understanding.

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| Science learning center | Formative Questions to check for understanding |
| Water: Studying Liquids | How do you move the water from… to...? What happens when you…? Why do you think that happens?  Why do you think that…?  What happens when you pour the water from this container into that one? Why do you think that this happens? |
| Nature Objects Center | What have you noticed about the…?  What do you observe when you look at… through the magnifying lens?  What happens when you put the… in the bucket balance? Why do you think this happens? |
| Light and Shadow Center | What happens when you…?  What have you noticed about…?  Why do you think that this occurs when…?  How can you change the shape or size of the shadows that you are casting? |
| Force and Motion Center | What have you been learning about inclined planes?  What have you noticed about the different materials?  Do all the objects roll at the same speed? Why do you think that this occurs?  What do you need to do to make this object roll farther, faster, or stop at a specific point?  Can you adjust your ramp to achieve different results? |
| Tinkering Center | Can you tell me about the object that you are designing? What made you decide to design this object? What problem are you trying to solve? Why did you decide to use these materials?  I see that you are having trouble with…? What might you do to improve your design? |