Questions for Stations

**Station 1 & 6: Two Capped Syringes**

You have two syringes:

1. Syringe A is filled with water and capped.
2. Syringe B is filled with air and capped
3. Press down on syringe A. What happened to the syringe as you pushed down?
4. Record your observations on your chart
5. Provide a possible explanation for what you observed

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1. Repeat for syringe B-
2. Record your observations on your chart.
3. Provide a possible explanation for what you observed

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**Station 2 & 7: Two attached syringes**

You have two systems:

1. Syringe A is filled with water and attached using plastic tubing to Syringe B which is empty
2. Syringe C is filled with air and attached using plastic tubing to syringe D which is empty
3. Press down on Syringe A until the water has moved out of the syringe. What did you observe happening to syringe B?
4. Record your observations on your chart.
5. Provide a possible explanation for what you observed

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1. Repeat for Syringe C (pressing down on the syringe until the air is removed. What did you observe happening to syringe D?
2. Record your observations on your chart.
3. Provide a possible explanation for what you observed

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**Station 3 & 8: Little Syringe/Big Syringe**

You have two systems:

1. Syringe A (10 ml) is filled with water and attached using plastic tubing to syringe B (60ml)
2. Press down on Syringe A until the water is pushed out.
3. What did you observe happening to Syringe B? Record your observations.
4. Now repeat this procedure but this time press down on Syringe B and observe what happens to Syringe A.
5. Record your observations.
6. Provide a possible explanation for what you observed

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1. Syringe C (10 ml) is filled with air and attached using plastic tubing to syringe D (60ml)
2. Press down on Syringe C until the air is pushed out.
3. What did you observe happening to Syringe D? Record your observations.
4. Now repeat this procedure but this time press down on Syringe D and observe what happens to Syringe C.
5. Record your observations
6. Can you provide any possible explanations for what you observed?

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**Station 4 & 9: Balloon and Pins**

You have two activities

A: One balloon and several pins.

1. Place the balloon on top of the “bed” of pins and press down gently.
2. What happened to the balloon?
3. Explain why you think this happened.

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B: One balloon and 1 pin.

1. Place the balloon on top of the pin and press down gently.
2. What happened to the balloon?
3. Explain why you think this happened.

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