To find the conditions necessary for the germination of tomato seeds

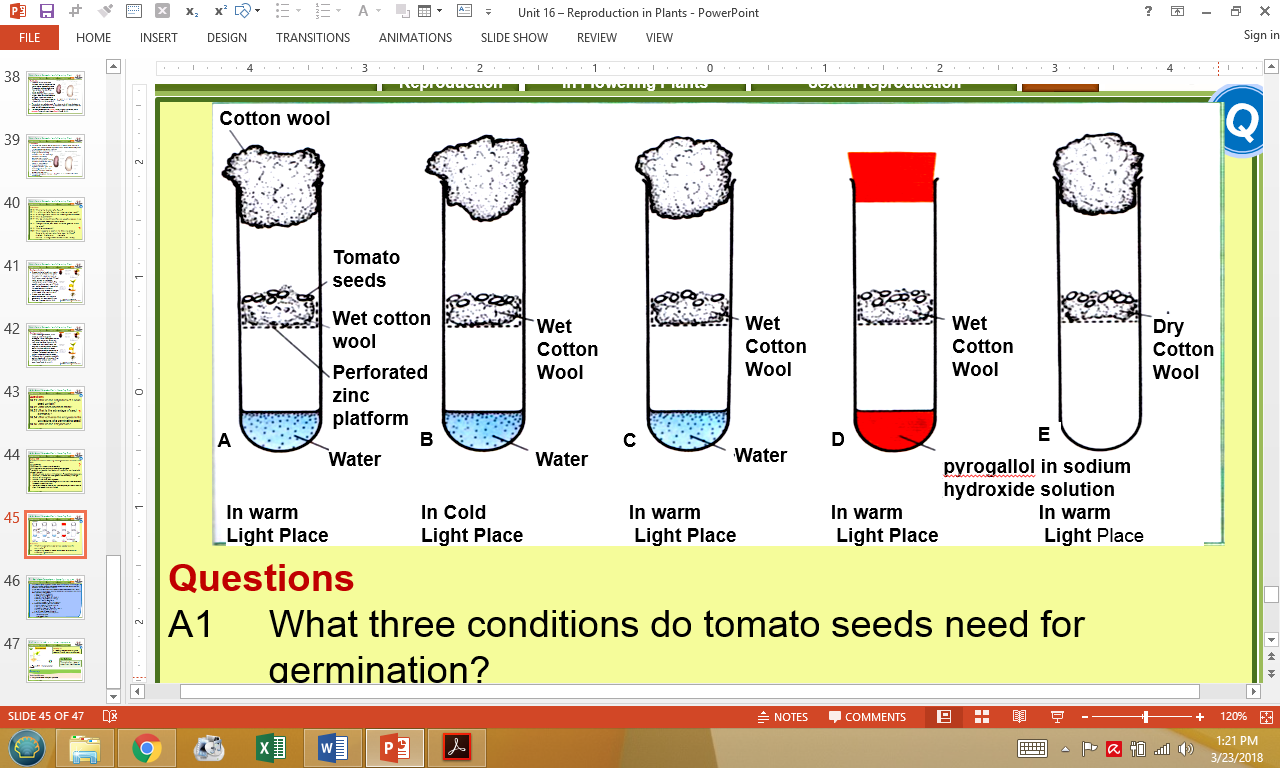
**Skills**

**A03.2 Planning**

**A03.3 Observing, measuring and recording**

**A03.4 Interpreting and evaluating observations and data**

Pyrogallol is very caustic. Your teacher will handle it for you. You should not use it yourself.

1. Set up five tubes as shown in the diagram. Pyrogallol absorbs oxygen.
2. Put tubes A, D and E in a warm place in the laboratory, in the light.

1. Put tube B in a refrigerator.
2. Put tube C in a warm, dark cupboard.
3. Construct a results table and begin to fill it in to show what conditions the seeds in each tube have.
4. Leave your seeds for a day or so. Then complete your results table to show which seeds have germinated.

**Questions**

A1 What three conditions do tomato seeds need for germination?  
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A2 Explain why each of these conditions is needed for successful germination.  
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