**3.8** What happens to an animal cell in pure water?

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**3.9** Explain why this does not happen to a plant cell in pure water.

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**3.10** Which part of a plant cell is:   
**a** fully permeable?  
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**b** partially permeable?  
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**3.11** What is meant by a turgid cell?

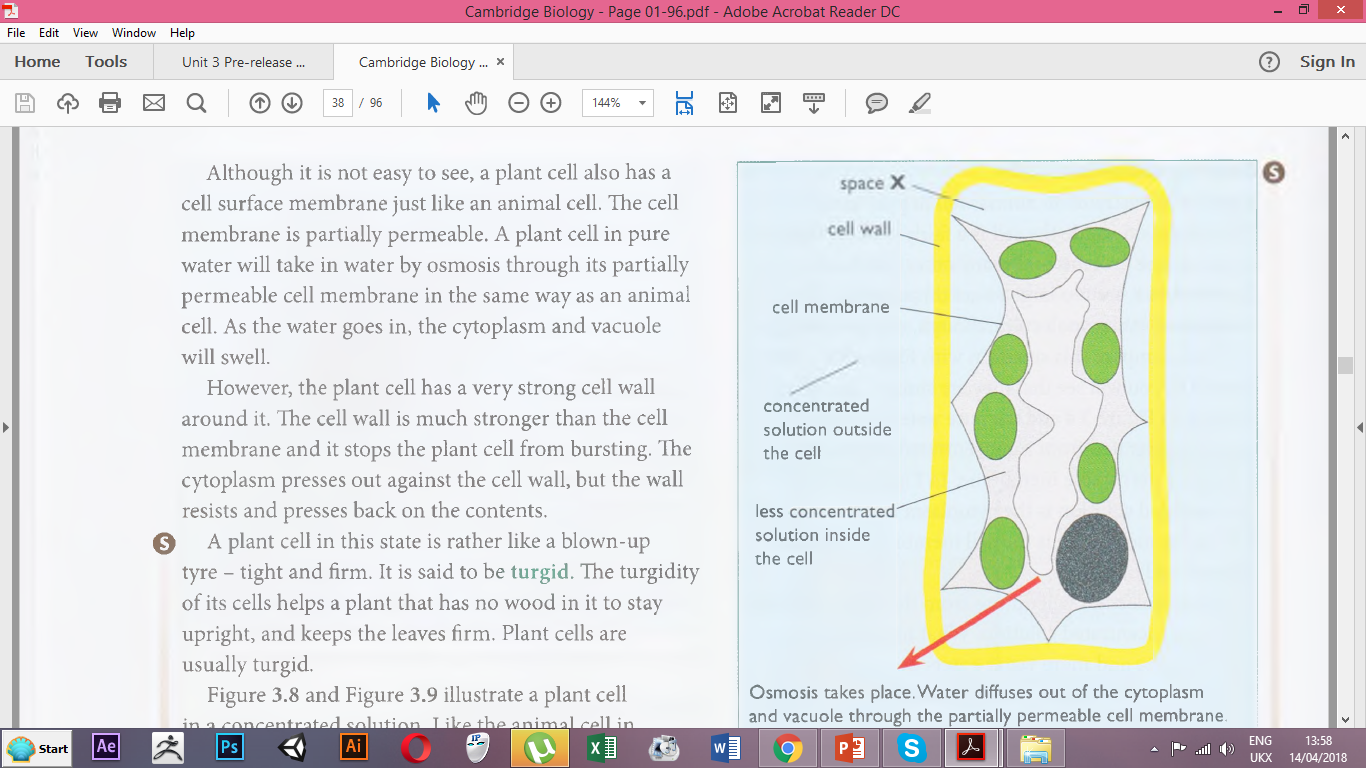
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**3.12** What is plasmolysis?

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**3.13** How can plasmolysis be brought about?

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**3.14** In Figure 3.9, what fills space X?   
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Explain your answer.   
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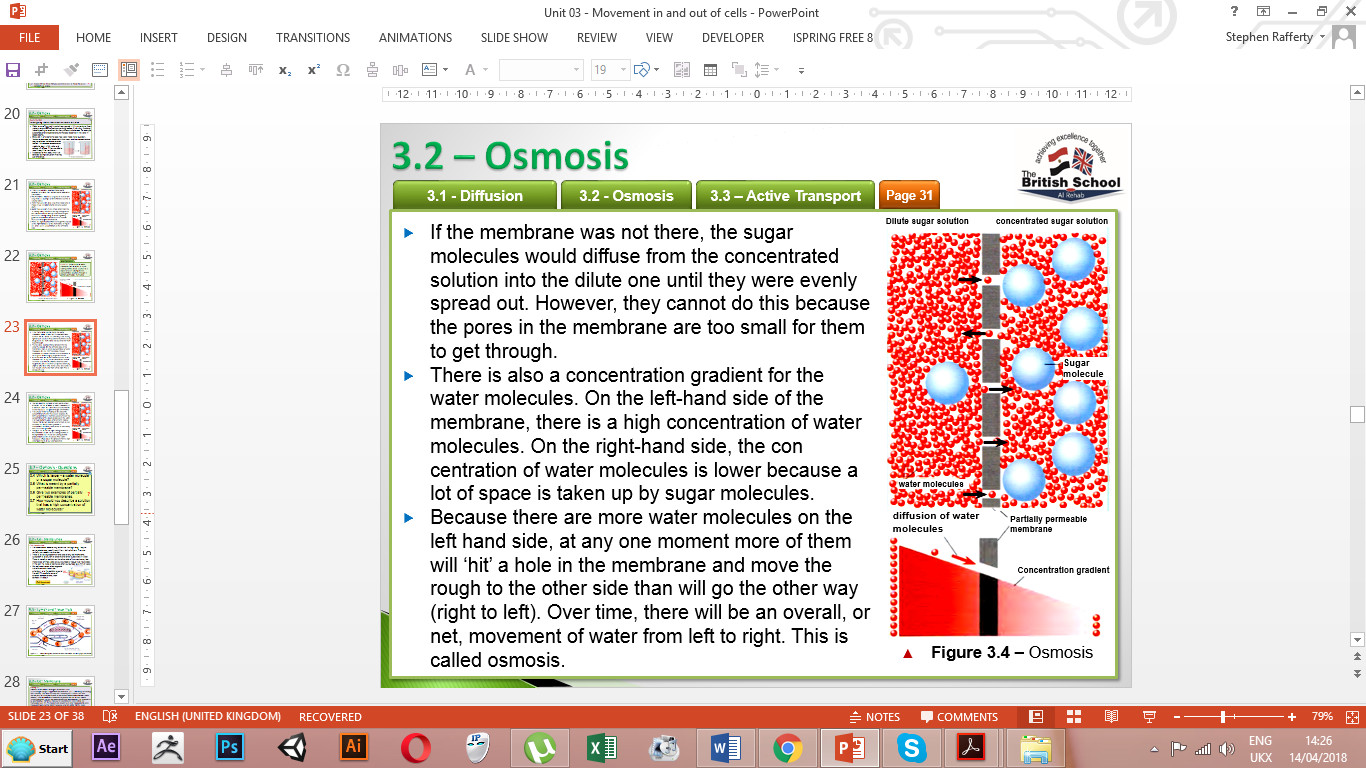
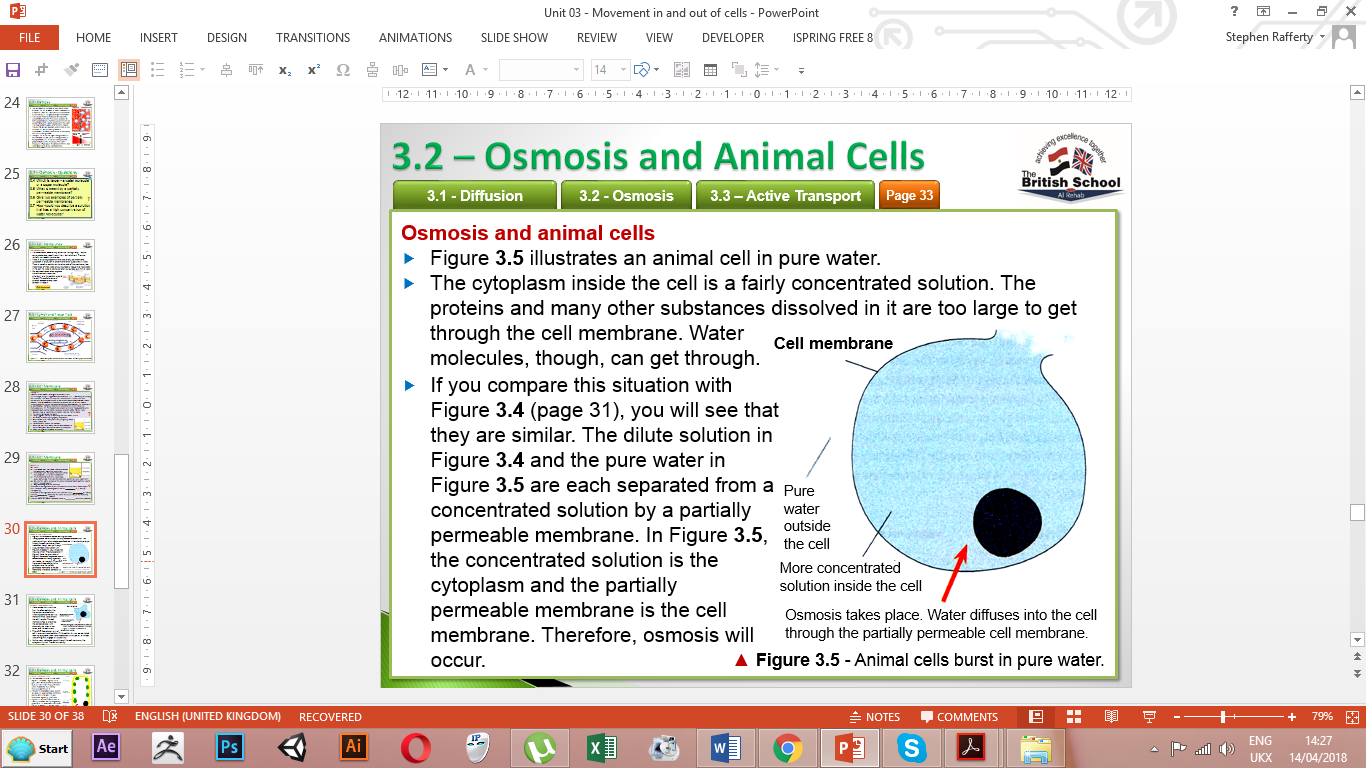
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**Figure 3.9 -** Plant cells become flaccid and may plasmolyse in a concentrated solution.

**3.15** Describe the events shown in Figures 3.5 and 3.6 in terms of water potential.  
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