###### Y11-12 Transition: Chemistry Week 6 Details

Watch a short introduction to the week (**password = chemweek6**):

<https://www.loom.com/share/8818945cf871475e846e27d6b9f24405>

This week we are going to look at chemicals from crude oil – lots of our everyday materials come from this non-renewable resource including fuels, plastics, medicines and cosmetics. Some of the content is taken from the Triple Chemistry GCSE Organic Chemistry Unit which won’t have been covered during Combined Science.

Mr Law

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Monday Task:

1. Watch this video on the importance of products from crude oil.

<https://www.youtube.com/watch?v=fKGgxFnoGK8>

1. Complete the attached worksheet on fractional distillation and cracking.
2. Read the notes about different ‘functional groups’ from GCSE Chemistry – this will be important for Thursday.

Upload to me the two worksheets either by SMHW or email.

Thursday Task:

1. Recap the naming rules for organic compounds using these resources:

<https://www.youtube.com/watch?v=RObCVCIQOL4>

<https://www.bbc.co.uk/bitesize/guides/zbqtbdm/revision/3>

1. Complete the naming task for the organic molecules on the worksheet.
2. Complete the polymers worksheet – you may need to do this on a piece of paper. I’ve attached a picture file that may be helpful in recapping some key points.

Upload the worksheet to SMHW or email.