**Palm Oil & the Orang-utan**

**For the next few lessons we will look at Orang-utans, Palm Oil - and the connection between them.**

**What do you know about orang-utans? (see Handout 1a)**

1. **What is palm oil?** Please go to <http://www.abc.net.au/btn/story/s4014898.htm>

 (click on the link on the right **‘About Palm Oil: Palm Oil Investigations**’).

* Where did the oil palm originate?
* What type of climate does it flourish in?
* Where does it grow?
* How did the world export of palm oil increase between 1962 and 1982?
* Where does 87% of the world production of Palm Oil come from?
* What is it used for?
1. **What are palm oil plantations?** (go back to the previous page and click on the link on the right **‘Orangutans and oil palm plantations: WWF’**).
* There are around 11 million hectares of oil palm plantations in the world. How many hectares are found in Indonesia?
* What is the problem with this?
* Give an example
1. **What are Orang-utans?** (click **on ‘view online WWF profile’** for both the Sumatran and Borneo Orang-utans and complete the Key Facts on the next page.

**Key Facts about the Borneo Orang-utan**

*Common name*

*Scientific name*

*Location found*

*Current population*

*Status*

*Life Cycle*

*Diet*

**Key Facts about the Sumatran Orang-utan**

*Common name*

*Scientific name*

*Location found*

*Current population*

*Status*

*Life Cycle*

*Diet*

1. Go back and move down the page until you see **‘What is the connection between orang-utans and oil palm?’**
* What type of problem do the orang-utans find themselves in?

 Why?

5a. Orang-utan infants. Please read handout 5.1 and complete 5.2

5b. **What are Rocky and Rickina’s stories?** Go back again to the Behind the News Palm Oil page and click on **‘The Story of Rocky and Rickina’**

* In a Word Document, create two biographies for the orang-utans, including a picture. You will need to cover:
* Name
* Sex
* Approximate date of birth
* Arrival date
* Physical condition now
* How he/she arrived at the Care Centre
* Condition on arrival

 5c. Mapping Activity. Please complete Handout 5.3

1. **Which types of products contain palm oil?** Go to the following site and create a poster to illustrate why palm oil is used in each of the 12 categories

 [http://www.worldwildlife.org/pages/which- everyday-products-contain-palm-oil](http://www.worldwildlife.org/pages/which-%20%20everyday-products-contain-palm-oil)

1. <http://www.saynotopalmoil.com/What_can_i_do.php> Go down until sustainable and explain what it is
2. **What are the actual products in the supermarket?** Please go to the following site, noting that Left Hand column are products that contain palm oil, and the right hand column contains palm oil free alternatives.
* <http://www.palmoilinvestigations.org/products-australia>
* Create a table of at least 40 products that you eat. In a second column include a palm oil free product that you could eat instead
1. In a group of 2-3, create a short film (2 minutes) which explains what we all can do to help the wild orang-utans. Go to <http://www.mongabay.com/take-action/orangutans.html> for some ideas. See Handout 9 for ideas on how to start your performance

Points to cover:

* What is palm oil
* Orang-utans
* Destruction of their habitat
* What we can do
1. **Write a half page essay** describing and explaining the issues surrounding the destruction of Tropical Rainforests & the Orang-utans for the production of Palm Oil. Use the site below to guide your writing (links to find the information are included. See Handout 10 for a hard copy of the writing guide.

<http://www.scribd.com/fullscreen/123745257?access_key=key-28pgy5at417uo4urfmz9&allow_share=false&escape=false&show_recommendations=false&view_mode=scroll>

1. Wordsearch Handout 11