**![C:\Users\Marjorie\AppData\Local\Microsoft\Windows\Temporary Internet Files\Content.IE5\HGU3QWJY\MC900383690[1].wmf]()![C:\Users\Marjorie\AppData\Local\Microsoft\Windows\Temporary Internet Files\Content.IE5\HGU3QWJY\MC900383690[1].wmf]()A Waste of Space? – Teacher Guide**

This activity aims to support these CfE outcomes:

SCN 2-06a - By observing and researching features of our solar system, I can use simple models to communicate my understanding of size, scale, time and relative motion within it

SCN 3-06a - By using my knowledge of our solar system and the basic needs of living things, I can produce a reasoned argument on the likelihood of life existing elsewhere in the universe

SCN 2-20a - Through research and discussion I have an appreciation of the contribution that individuals are making to scientific discovery and invention and the impact this has made on society

SCN 4-20a -I have researched new developments in science and can explain how their current or future applications might impact on modern life

Plan

This activity could be used at the end of a study of space when pupils have already carried out some research and taken part in some practical activities

1. Firstly the pupils sitting in groups meet the 4 characters Tatakota, Aude, Nyanga and Assouan. Each group is given a different set of cards/power-point presentation. Ideally the pupils would have some time for discussion during these presentations
2. There are many ways in which the next part of the activity could take place dependent on the particular class and the time available:
* Each group could say why they agree with their particular child and then the whole class could vote to say who they agree with. Each group could use the power-points slides to do this but add their own slide at the end
* Each group could ask another group a question – they could make up their own question or use one of the questions below. The groups could then write the questions and the answers and add these to the power-point slides

Possible questions

To Takakoto: How did the Endeavour get its name?

To Nyanga: What would it be like living on Moonsdale?

To Aude: Should money be spent on space research?

To Assouan: What is space junk?