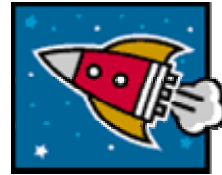


Formula practice task – Instructions



Preparation (before the lesson)

1. Print out enough sets of 'formula_practice_cards.pdf' so for students to work in pairs or small groups.

Hint: if you are printing out a lot of sets, it might be worth using coloured paper. That way, if any cards get left out of a set, it is easy to see which one to return them to.

2. Laminate sheets if possible to create a long lasting resource

3. Cut out individual cards and store each set with an elastic band to keep full sets of cards safe.

Activity

Display 'formula practice.xls' on the board

Explain to students that you will ask them a series of questions about calculations on the spreadsheet and they will have to use the cards in front of them to create the correct formula

Question 1:

What is the correct cell reference for the distance home for a Talaxian

Question 2:

What is the correct cell reference for the cost per km to send a letter to Xindi

Question 3:

What would the formula be for working out the cost for an Andorian to send one letter home.

Question 4

What would the formula be for working out the cost for a Romulan to send one letter home.

Question 5

What would the formula be for working out the total cost of sending all of the Klingon letters home?

Question 6

What would the formula be for working out the total cost of sending all of the Talaxian letters home?

Question 7

What would the formula be for working out the total cost of sending all letters home for every single race?

Now you have seen how to use this resource, you can see how easy it would be to create your own spreadsheets and sets of questions to be able to use it regularly to check student's understanding of formulae.