**Maths Level – YELLOW** Middle (Entry Level 2/3)

**Topic 1: Money**

**Aim:** The aim this week is to be able to use money in practical situations such as knowing the value of items, calculating change when shopping and understanding back statements.

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| **Session 1** : Monday | **Length of session:** 40minutes |
| **Aim of session: To be able guess the price of everyday items.** | |
| **Important information:**  **Remember the lessons from last week that there are 100p in a £1.** | |
| **ACTIVITY 1:**  **Look at these items below**   |  |  |  | | --- | --- | --- | |  |  |  | |  |  |  | |  |  |  |  1. Which item do you think is the most **expensive**? \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ 2. Which item do you think is the **cheapest**? \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ 3. **Guess** the prices for each item   Milk 4 pints\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ Bread\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ 20 Chicken McNuggets\_\_\_\_\_\_\_\_  Pringles\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ Pineapple\_\_\_\_\_\_\_\_\_\_ Diet Coke 2L \_\_\_\_\_\_\_\_\_\_\_\_\_\_  Wireless Xbox Controller \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ Air Jordan’s\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ Dominoes’ Large Pepperoni Pizza\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_   1. Now that you have guessed the items, you need to do some research to find the **correct prices.**   Milk 4 pints\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ Bread\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ 20 Chicken McNuggets\_\_\_\_\_\_\_\_  Pringles\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ Pineapple\_\_\_\_\_\_\_\_\_\_ Diet Coke 2L \_\_\_\_\_\_\_\_\_\_\_\_\_\_  Wireless Xbox Controller \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ Air Jordan’s\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ Dominoes Large Pepperoni Pizza\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_  **Activity 2** | |

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| **Session 2** : | **Length of session:** 40minutes |
| **Aim of session: To be able to calculate the change from items bought.** | |
| **Important information**  **HOW TO GUIDE:**  **When calculating change, you need to use subtraction and column method.** | |
| **Activity** | |
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| **Session 3**: | **Length of session:** 40minutes |
| **Aim of session:**  To be able to add the transactions to the bank statement and calculating the final balance. | |
| **Important information**  Money in is money that gets **deposited** into your account, increasing your balance.  **Withdrawals** is money that get taken out of our account, reducing your balance.  A bank **balance** is the **amount of money in your bank account.**  **HOW TO GUIDE:**  If the bank account balance starts at £50.00, you then receive £20 for your birthday. This means you have to **deposit** the money into your account, using addition.  e.g. £50.00  + £20.00  £70.00  Your balance is now £70.00, you then have to pay your mobile phone bill of $35. This means you have to **withdraw** this money from your account using subtraction.  e.g. £70.00  £25.00  £45.00  Your ending balance is £45.00. | |
| **Activity :**   1. You need to add the following transactions to the below bank statement.   4th September Zara spent £5.40 at McDonalds.  5th September Fred bought a monthly bus pass for £50  7th September Fred spent 22.50 on dinner at Nando’s  15th September Fred received £50 birthday money from his Grandmother.  16th September Fred received £10 birthday money from his friend.  26th September Fred spent £50 on groceries at Asda’s  27th September Fred received his monthly wages of £120.  31st September Fred spent £38.50 in Game.       1. What was the closing balance of Freds bank account?   \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ | |
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| **Session 3**: | **Length of session:** 40minutes |
| **Aim of session: To be calculate the costs of living independently in the scenario.** | |
| **Important information**  **HOW TO GUIDE:**  **When calculating wages, you need to use multiplication**.  Sam works for 5 hours on Saturday and earns £10 an hour. What does he earn in total for the whole day?  5 x £10 = £50.00  Sam earns to £50.00 wages | |
| **Activity:**  Moving Out and Budgeting  *You are moving into a room in a shared house, you currently earn £10 an hour and work 10 hours a week. Your rent each week for this room will be £50*.   1. How much do you earn in a week? 2. How much do you earn a year? (There are 52 weeks in a year) 3. How much money will you have left from you wages once you pay your rent? 4. You have a mobile contract which you pay £20 a month how much do you pay each week for your mobile? 5. You have a budget of £20 pounds a week for food, how much will you spend on food over a whole year? (Remember there are 52 weeks in a year) 6. You want to save up to go away with your friends next year, if you save £10 a week, how much will you have saved after a year?   The room in the house has no furniture and is completely empty, your parents give you £1000 to spend on getting the room ready to move into. Spend the money carefully making sure that you think of everything you might need.   |  |  | | --- | --- | | Item | Price | |  |  | |  |  | |  |  | |  |  | |  |  | |  |  | |  |  | |  |  | |  |  | |  |  | |  |  | |  |  | | Total |  |   Did you buy everything you think you would need?  Did you manage to stay in budget? | |
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