



Christmas Catalogue Shopping!

Teacher notes:

Collect those Christmas Catalogues for plenty of maths!

There are various tasks cards you can use to differentiate this activity. **Collect plenty of Christmas shopping catalogues** and then use some of the following tasks.

We have used it with a range of students and because it's open-ended it's worked wonderfully! Highly engaged students with lots of work regarding strategies for adding money and calculating change, as well as percentage discounts for the Year 5s / 6s. We encouraged students to be flexible with their approach- not always going straight into using the formal algorithm. We discussed ideas and strategies as we went. It was great to see the students starting to trust themselves and get out of their comfort-zones, trying different approaches for solving their problems. We were excited to see the older students who decided that when calculating 30% of a number, they would first work out 10%, then triple it- that shows good understanding!

Happy Christmas,

Justine and Nat



You have \$100 to spend.

Make a list!

Show your calculations.



Task ONE

1) Choose two items to buy from the catalogue. They must total less than \$50.



2) Write down your items and their prices and make a total.

3) Calculate how much change you will get from \$50. Show your working out!

*Choose another 2 items and do steps 1-3 again!



Task TWO





SALE!
% Percentage Off!



Choose an item to buy
Write it down and it's price
Now calculate the price if:

- It is 50% off**
- It is 25% off**
- It is 10% off**

***Now choose another item to buy and repeat
steps 1-3!**

Task THREE



Shopping- Sale!!
Percentages:



- 1)*Choose an item to buy- write it down and it's price.
*You will be getting a 10% discount. How much will you pay?

- 2)*Choose another item to buy- write it down and it's price.
*You will be getting a 30% discount because you know the store owner. How much will you pay?

- 3)*Choose another item to buy- write it down and it's price.
*You will pay only 80% of this price because you have a discount card. How much will you pay?

Task FOUR