

Aim/context

- To develop the children's understanding of whole number money values and increments of 5p and 10p.
- To practise adding 3 or more money values together to find a total price.
- To be able to read a timetable and interpret the information shown.
- To have a good knowledge of 0'clock times.
- To be able to multiply a value by 2, 3 or 4.

Level 3 - Age group 5/6 years

This game will ask the children to look at a cinema price list that shows the various costs for viewing a film at different times of the day. They will have to work out how much it costs to see a film at a specific time, then multiply this by 2,3 or 4 depending on how many tickets they need. There will also be adult prices and they will have to use the same skills to work out how much it would cost for an adult ticket at different times of the day. Then they need to add the price of snacks to the ticket price to calculate the total cost of their visit.

Skills

Mathematics

I can solve number and practical problems by reading and interpreting information as shown in the table

Financial Education

I can make comparisons between prices when deciding what is best 'value for money'

Scottish Curriculum Ref: MNU 2-10a

Teacher tips

Previous knowledge needed:

- Talk about their experiences of visiting the cinema and the costs involved. Talk about the price changing depending on the time of day. Discuss buying snacks at the cinema and their cost.
- To have experience of reading analogue clock times.
- To have experience of recording money values using £ and a decimal point.
- To understand how to use the cinema timetable to work out prices for adults and children.

Key questions/prompts

Using **Cinema Timetable 3**, ask key questions related to the timetable.

- How much would it cost for an adult and 1 child to go and watch a film at 7pm?
- How much would it cost for 2 children and 2 adults to go and watch a film at 10am?

Repeat this type of question until the children are confident in using the timetable to find out the price of watching a film at different times of the day.

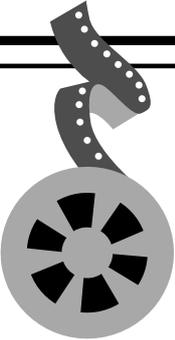
Continue working with the **Cinema Timetable 3**, but model adding the price of snacks to the ticket price and working out the total price for the cinema trip. Then ask the children to answer the following questions:-

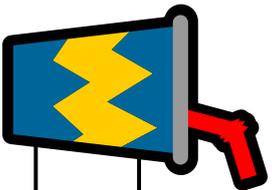
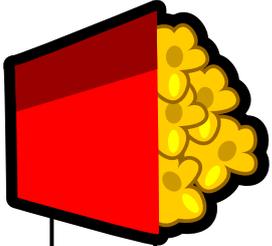
- 1 adult and 2 children watch a film at 2pm and buy 2 drinks and a bag of sweets. How much will it cost for the cinema trip?
- 2 adults and 3 children watch a film at 7pm and buy some popcorn, 2 drinks and 2 bags of sweets. How much will it cost for the cinema trip?

Repeat this type of question until the children are confident in multiplying the values, adding the cost of snacks and recording the total.

Group activity ideas

- Ask the children to bring in used child and adult priced cinema tickets and then look at the time the film was watched. Alternatively use the internet to find times and costs at a local cinema. Using **Flashcards 3**, the children will use the price on the cinema ticket and multiply it by the number on the flash card. Repeat using a different cinema ticket and flashcard.
- Set up a drinks and snack shop in class. Make up prices for each item in the snack shop. Give each child some coins in a purse and they have to work out what they can buy with the money that they have.
- Using **Cinema Prices 3**, answer word problems using a cinema price list.
- Ask the children to develop a role play activity based on a favourite film they have seen to show the rest of the class in the plenary. They could record the film using video. The rest of the class could rate the film and tell the group how much they would pay to watch it at the cinema.

Film Prices		Before 12 noon	12-4pm	4-7pm	After 7pm
	Child	£3.20	£4.30	£4.95	£5.45
	Adult	£5.20	£5.20	£7.10	£7.10

Snacks	
	Drink £2.65
	Popcorn £3.15
	Sweets £2.35



**Multiply the
price by 3**

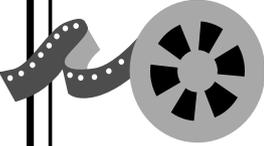
**Multiply the
price by 2**

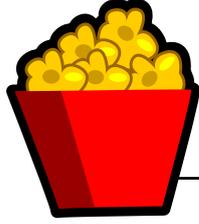
**Multiply the
price by 4**

**Multiply the
price by 5**

**Multiply the
price by 6**

**Multiply the
price by 1**

Film Prices		Before 12 noon	12-4pm	4-7pm	After 7pm
	Child	£3.20	£4.30	£4.95	£5.45
	Adult	£5.20	£5.20	£7.10	£7.10

Snacks		Drink	£2.65
		Popcorn	£3.15
		Sweets	£2.35

2 adults and 1 child watched a film at 1pm and bought a drink and 2 bags of sweets, how much did it cost?

1 adult and 3 children watched a film at 2pm and bought 3 bags of sweets and 1 drink, how much did it cost?

2 adults and 2 children watched a film at 5pm and bought 2 bags of popcorn and 2 drinks, how much did it cost?

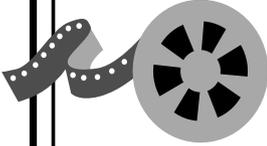
3 adults and 1 child watched a film at 8pm and bought 2 bags of popcorn, 1 bag of sweets and 1 drink, how much did it cost?

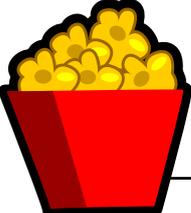
1 adult and 4 children watched a film at 11am and bought 2 drinks and 3 bags of sweets, how much did it cost?

2 adults & 3 children watched a film at 6pm & bought 2 bags of popcorn, 2 bags of sweets and 1 drink, how much did it cost?

4 adults and 2 children watched a film at 3pm and bought 4 drinks and 2 bags of sweets, how much did it cost?

1 adult and 4 children watched a film at 1pm and bought 3 bags of popcorn and 2 bags of sweets, how much did it cost?

Film Prices		Before 12 noon	12-4pm	4-7pm	After 7pm
	Child	£3.20	£4.30	£4.95	£5.45
	Adult	£5.20	£5.20	£7.10	£7.10

Snacks	Drink	Popcorn	Sweets
		£2.65	

2 adults and 1 child watched a film at 1pm and bought a drink and 2 bags of sweets, how much did it cost?

£22.05

1 adult and 3 children watched a film at 2pm and bought 3 bags of sweets and 1 drink, how much did it cost?

£27.80

2 adults and 2 children watched a film at 5pm and bought 2 bags of popcorn and 2 drinks, how much did it cost?

£35.70

3 adults and 1 child watched a film at 8pm and bought 2 bags of popcorn, 1 bag of sweets and 1 drink, how much did it cost?

£38.05

1 adult and 4 children watched a film at 11am and bought 2 drinks and 3 bags of sweets, how much did it cost?

£30.35

2 adults & 3 children watched a film at 6pm & bought 2 bags of popcorn, 2 bags of sweets and 1 drink, how much did it cost?

£42.70

4 adults and 2 children watched a film at 3pm and bought 4 drinks and 2 bags of sweets, how much did it cost?

£44.70

1 adult and 4 children watched a film at 1pm and bought 3 bags of popcorn and 2 bags of sweets, how much did it cost?

£36.55