

Film studio tour



Family Maths
Toolkit

Talk about

The Robinson family (1 adult and 3 children) are planning a visit to a famous film studio tour and they have this information to help them plan their day:

Tickets	Adult ticket: £47 Child ticket (age 5-15): £38 Family ticket (2 adults and 2 children OR 1 adult and 3 children): £150
Food	Take away pizza: £8.50 Take away burger: £4.80 Juice: £1.50 Fizzy drink: £2.50 Ice creams: £1.50 Meal in restaurant: £7.50 each Pack a picnic to take: around £12 for everyone
Travel	Bus: £12 per person Train: £22 per adult; £15 per child Car: £50 for petrol
Extras	Learn to 'fly' using special effects: £5 each Have your photo taken in a famous costume: £3.50 each Go on steam train ride: £3.00 each Ticket for all 3: £10
Souvenirs	Pencil: 50p Souvenir guidebook with pictures: £4.80 T-shirt: adult £18; child £15

Mr Robinson has £270 to spend on the day - what could the family do? What would you choose? What might he say 'no' to if the children asked?

How could he save money? Would he have any left over?



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Apply to real life

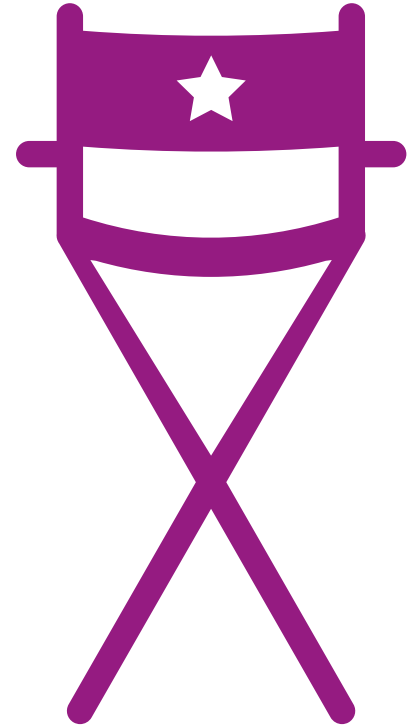
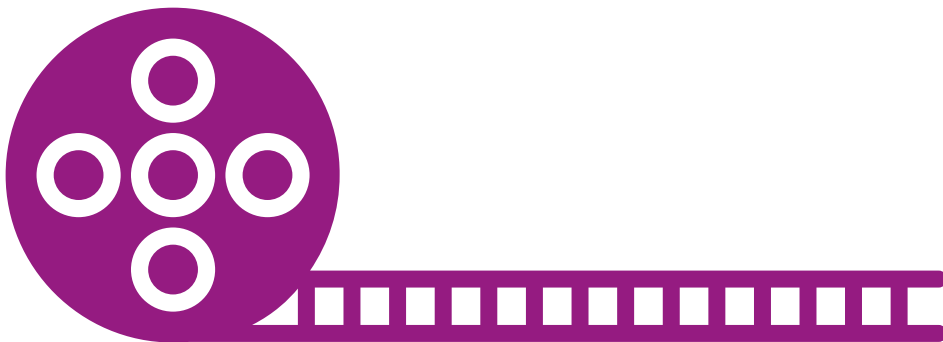
£270 is a lot of money. What could you do that costs less money than going on this studio tour?

Choose somewhere you would like your family to visit for a day. Talk about why you want to go there: have you seen it advertised or heard about it?

Plan a simple budget - remembering any travel, tickets and food you'd need to buy!

If you split the cost equally between your family, what fraction of the total cost would each family member pay?

Would you need to save up for your day out?



Family comments:

Child comments:



Curriculum Link

- Add and subtract amounts of money, using both £ and p in context
- Compare and calculate pounds and pence
- Solve simple money problems using fractions and decimals
- Key vocabulary - price, cost, spend, save, budget, total, fraction, advert

Talk about

All families need money to pay for the things they need but where does it come from? Discuss where your family get money from (income) and what they regularly spend it on (outgoings).

Income:

- Usually a salary or a wage (from which income tax and national insurance contributions are taken)
- Benefits
- Pensions

Outgoings:

- Mortgage or rent
- Utility bills such as: electricity, gas, water, phones
- Essentials such as food

How does money make us feel? What can we use our money for? As an estimate, what percentage is spent on bills and essentials? Can we use our money to help other people?

Think carefully about what you **want** and what you **need**. **Needs** are the things we **must** have to live, like food, clothing and somewhere to live. **Wants** are things we might **like** to have, for example a new game or toy - or a fancy car! Wants are things we can live without.



In and out



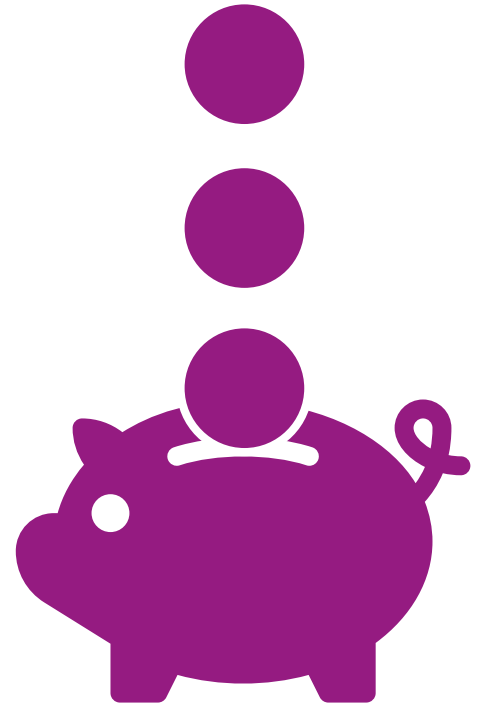
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Apply to real life

Where does **your money** come from – presents? pocket money? tooth fairy? selling things you don't want or need?

Some children are given regular pocket money, and some children are given pocket money for doing chores or tasks around the house. What do you and your family think is the best way?

Think about how much money you are given or earn through tasks each month. If you saved $\frac{1}{4}$ of your income for a year, how much might you have at the end of a year? What could you buy?



Family comments:

Child comments:



Curriculum Link

- Add and subtract to solve problems involving money
- Solve simple problems using fractions and decimals
- Key vocabulary – pence, pound, price, cost, buy/sell, spend, pay, budget, expenses, total, amount, net pay, gross pay, deductions

Shopping for a picnic



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Talk about

Prital and Mita are planning a picnic. These are the things they want to take but they only have £10.00 to spend. What choices do they have to make?

Are the offers all good? Do they need that much?

Food	Price	Special offers
Bread rolls	Pack of 4 for £2.00 or 60p each	
Samosas	4 for £1.60	Large pack: 10 for £3.50
Cheese	500g for £3.00 or 250g for £2.00	
Apples	20p each	Pack of 5 for £1.50 Buy one pack, get one pack free
Doughnuts	19p each	Large pack: 12 for £2.40
Orange juice	Bottle 600ml for £4.80	Pack of 5 x 100ml cartons for £2.50
Grapes	500g for £1.80	Buy one pack, get one pack half price
Bar of chocolate	200g for £1.70	Buy two for £3.50
Water	free	



Shopping for a picnic



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Apply to real life

Plan food for your family for a day out – look in a shop or online and work out the cost. Which items do you **need** (to eat sensibly) or **want** (treats such as cake)? Are there any items on special offer?

Tips for grown-ups

Make sure that the choices offered to your child are foods that they will eat, so that the discussions are about money more than food!

Be positive about the maths as a way of saving money and using money wisely.



Curriculum Link

- Recognise symbols £ and p
- Combine amounts to make a value
- Add/subtract amounts of money, using £ and p in practical contexts
- Solve simple problems involving fractions and decimals
- Key vocabulary – price, cost, offers, spend, save

Family comments:

Child comments: