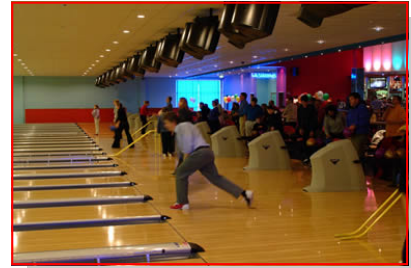




Family Fun Day!

Prices	ADULT	JUNIORS
Mon - Fri (10am - 6pm)		
Sat - Sun (9.30 - 11am)	£3.65	£2.65
School holidays (9.30 - 11am)		
Mon - Thurs (6pm - close)		
Sat (11am - 6pm)	£4.75	£3.95
Sun (11am - close)		
School holidays (11am - 6pm)		
Fri, Sat and Bank Holiday (6pm to close)	£4.95	£4.95

A Bowlplex Entertainment Centre is a great place for families to have lots of fun together.



Look at the price list above. Can you work out how much it will cost to play **one** game?

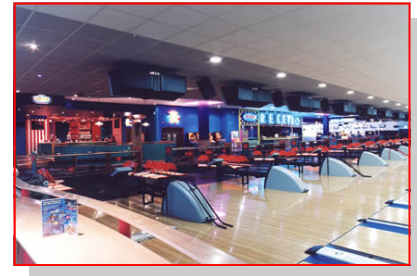
1. How much will it cost for 3 children to play at 10.00am on Saturday morning?
2. How much will cost for 2 adults and 3 children to bowl on a Wednesday evening?
3. How much will it cost for 1 adult and 2 children to play in the day on Bank Holiday Monday?
4. It is half term and 1 adult takes 3 excited children to play. How much will it cost for all of them to bowl in the afternoon?
5. It is Friday evening and 2 adults and 2 children want to bowl. How much change will they receive from a £20.00 note?
6. A family arranges a birthday bash for their child and 8 friends on a Tuesday afternoon. Find out in your centre how much the birthday price is per child and work out the total cost.



Some tenpin bowling rules

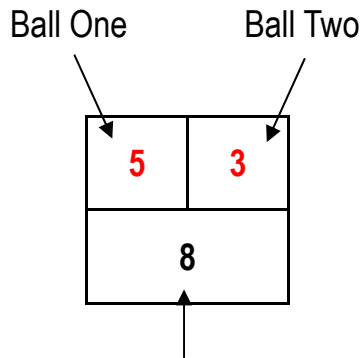
- A bowler has 2 attempts to knock down the pins.
- If they knock all of them down with one ball it is called a **strike**. A strike is marked with an 'X'.
- If they knock all of them down with two balls it is called a **spare**. A spare is marked with a '/ '.
- Each bowler plays 10 frames - the bowler with the highest score, wins!

When bowling, it is important to score it correctly!

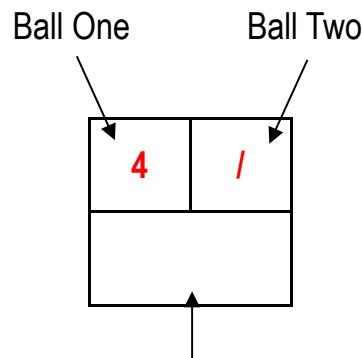


A bowler's score is recorded on a scorecard. At Bowlplex Centres, this is done electronically, but in some venues, the scorecard must be filled in by hand.

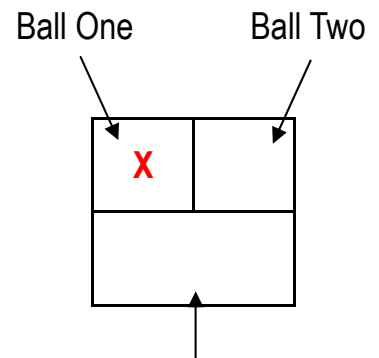
Here's how to fill in your scorecard!



The total score for the frame is recorded here by adding ball one and ball two together.



As all 10 pins have been knocked down in 2 balls, this is left blank until the first ball is bowled in the next frame and that ball's score is then added to this one! A bonus score!



As you have a strike with your 1st ball, this is left blank until the next 2 balls are bowled and their scores are added to this one! Another bonus score!

7. In your group, have a game of bowling and try recording your own scores! Use the recording sheet on the next page to help you! Try to record your friend's scores too! Remember to help each other to calculate the score.

Name: _____

A blank scorecard



Family Fun Day cont:

<u>Pool Pit Prices</u>	<u>Per hour</u>
Mon - Fri (before 6pm)	£6.25
Sat, Sun, School and Bank Holidays (before 6pm)	£8.25
Sun - Thurs (after 6pm)	£8.25
Fri, Sat and Bank Holidays (after 6pm)	£9.75

After bowling, the family decide to have a game of pool.



Can you work out how much it cost to play pool for one hour?

8. How much will it cost for them to play at 10.00am on Saturday morning?
9. What change will they receive from a £10.00 note?
10. What coins could they receive in their change?
11. Which is the most expensive time to play?

<u>Grill Prices</u>	<u>Cost</u>
Regular Burger	£1.65
Additional fillings	£0.40 each
Junior Hotdog	£1.40
Jacket Potato	£2.65
(with grated cheese or beans)	£0.30 per extra filling
(with tuna, chilli or bacon)	£0.40 per extra filling

The family are hungry and stop at the Grill for something to eat!



How much it will cost for lunch if :

12. 3 adults each buy a burger with extra cheese?
13. 2 children buy a junior hotdog each?
14. 1 adult has a jacket potato with cheese and beans and another adult has a chilli filling?

Family Fun Day!



National Curriculum Links

Maths: Key Stage Two - Ma2 1b, 1e, 2a, 3a, 3k, 4a, 4b, 4c

Primary Framework Links

Maths: Years 5 and 6, Block A 'Counting, partitioning and calculating', Units 1,2 and 3



Learning Objectives

Children will:

1. Be able to use mental methods of calculation to answer real-life questions.
2. Know how to check their answers using estimation techniques.
3. Be able to use a calculator accurately to check their answers.
4. Be able to work co-operatively with a partner and in a group.

Activity

Children to use mental and pencil/paper calculation methods to solve the questions posed related to a family day out at a Bowlplex centre. Children can work alone or in pairs to find the answers. They should be encouraged to use estimation in the process of finding the answer and to check their answers using both mental methods and calculators..

Resources Required

- Child worksheets
- Pens / pencils
- Calculators
- Bowling lane and a chance to play with a small group of friends

Important Vocabulary

price	cost	add	subtract	take away
difference	multiply	times	value	hire
pound	pence	estimate	check	calculator