

Real life problems – a bus timetable

L.O: *To be able to convert between the 12 and 24 hour clock.
To be able to interpret a bus timetable in the 24 hour clock.*

Key Vocabulary: *Timetable, depart, start, finish 24 hr clock, 12 hr clock, quarter past, half past.*

Leyton Bus Company

1. Write these times in the 12 hour clock. The first has been done for you as an example.

06:30	6.30am	10:00		15:30	
07:15		11:15		16:15	
09:20		12:00		18:30	
09:45		13:00		21:00	

2. Write these times in the 24 hour clock. The first has been done for you as an example.

Half past 6 in the morning	06:30	1 o'clock in the afternoon	
9.30am		Quarter to 2 in the afternoon	
10.30 in the morning		4pm	
Quarter past 11 in the morning		6.30 in the evening	

3. Look at the bus timetable below **carefully** and then answer the questions.

Timetable W15 Bus – Leyton Station to Walthamstow Central

Depart								
Leyton Station	06:45	07:30	09:00	10:10	12:05	13:15	15:30	16:45
High Road	06:55	07:45	09:15	10:25	12:20	13:30	15:45	17:00
Tesco's	07:10	08:00	09:30	10:40	12:40	13:50	16:10	17:15
Leyton Town Hall	07:30	08:20	09:50	11:00	13:00	14:10	16:30	17:35
Baker's Arms	07:45	08:40	10:10	11:20	13:20	14:30	16:50	17:55
Walthamstow Central	08:05	09:00	10:30	11:45	13:40	14:50	17:10	18:15

- (a) What time does the first bus leave Leyton Station in the morning? _____

- (b) When does the first bus arrive at Baker's Arms? _____
- (c) How long has it taken to get there? _____
- (d) When does it arrive at Walthamstow Central? _____
- (e) Is there a bus from Leyton Station at 10 to 10 in the morning? _____
- (f) If I want to get to Leyton Town Hall at 8.20am, what bus must I catch from Leyton Station? _____
- (g) How long does it take the 9.30 from Tesco's to get to the Baker's Arms? _____
- (h) How long does it take for the bus that leaves at 3.30pm from Leyton Station to get to Leyton Town Hall? _____
- (i) How many W15 buses call at the High Road? _____
- (j) Can I catch a bus from Leyton Town Hall at 6.30pm? _____

Extension / Challenge Task – this will get your brain confused!!!!

4. Below is an incomplete timetable. Can you complete it using the information below to help you?

Timetable W16 Bus – Leyton Station to Chingford Mount

Depart						
Leyton Station	09:00		14:00*	16:30		20:00**
Leyton Leisure Lagoon		11:15				
Walthamstow Central	09:25		14:35	16:55	18:25	20:45
Walthamstow Dog Track	09:40					
New Road		11:55	15:10	17:20	18:50	
Chingford Mount	09:55					21:45

- It takes 10 minutes to get to Leyton Leisure Lagoon from Leyton Station usually.
- New Road is only 5 minutes **before** Chingford Mount.
- The **2pm bus*** from Leyton takes 5 minutes longer at **each stop!**
- The **8pm bus**** from Leyton takes 10 minutes longer at each stop.

Plenary – SATs question / time to review.

*David Hatchett
Head of Year 5
Barclay Junior School, London*