Homework/Extension
Step 6: Timetables

National Curriculum Objectives:

Mathematics Year 5: (5S1) Complete, read and interpret information in tables, including timetables

Differentiation:

Questions 1, 4 and 7 (Varied Fluency)
Developing Use information in the timetable to answer questions. Using a 12 hour clock with 5 minute intervals not crossing the hour.
Expected Use information in the timetable to answer questions. Using a 12 hour clock with 1 minute intervals and some crossing over the hour.
Greater Depth Use information in the timetable to answer questions. Using 12 and 24 hour clocks with 1 minute intervals where time crosses the hour.

Questions 2, 5 and 8 (Varied Fluency)
Developing Use the information in the timetable to work out which of the given statements are correct. Using a 12 hour clock with 5 minute intervals not crossing the hour.
Expected Use the information in the timetable to work out which of the given statements are correct. Using a 12 hour clock with 1 minute intervals and some crossing over the hour.
Greater Depth Use the information in the timetable to work out which of the given statements are correct. Using 12 and 24 hour clocks with 1 minute intervals where time crosses the hour.

Questions 3, 6 and 9 (Reasoning and Problem Solving)
Developing Explain if a statement is correct using information in the timetable to support an answer. Using a 12 hour clock with 5 minute intervals not crossing the hour.
Expected Explain if a statement is correct using information in the timetable to support an answer. Using a 12 hour clock with 1 minute intervals and some crossing over the hour.
Greater Depth Explain if a statement is correct using information in the timetable to support an answer. Using 12 and 24 hour clocks with 1 minute intervals where time crosses the hour.

More Year 5 Statistics resources.

Did you like this resource? Don't forget to review it on our website.

Timetables

1. The timetable below shows the times of trams. Use the information in the table to answer the questions.

	6A	6B	7A	7B
Tower Point	8:10	8:20	9:05	-----
River Place	8:25	-----	9:15	10:20
New Market	-----	8:45	-----	10:35
Baker Lane	9:00	9:00	9:40	10:50

A. How long is the journey from Tower Point to New Market on tram 6B?

B. Which station does tram 7A not stop at?

C. Edward arrives at Baker Lane at 9:00. Which tram did he get from River Place?

2. Use the information in the timetable to work out which of the following statements are correct.

	Sophie	Markus	Katie
10:15 - 10:45	Shell Collecting	Beach Art	Sandcastle Building
12:20 - 12:55	Sandcastle Building	Surfing	Kite Flying
2:25 - 2:50	Beach Art	Kite Flying	Beach Art
4:10 - 4:50	Surfing	Sandcastle Building	Kite Flying
7:30 - 7:55	Kite Flying	Shell Collecting	Shell Collecting

A. Katie starts Kite Flying at 12:55.

B. Sophie and Katie are together for one activity during the day.

C. Beach Art is the activity that lasts the longest for Markus.

3. Tanya is going on holiday to Dublin and is deciding which flights to take.

Flight code	Depart from U.K.	Arrive in Dublin	Depart from Dublin	Arrive in U.K.
FH150	11:05am	11:55am	4:10pm	5:00pm
RA110	1:10pm	1:50pm	6:00pm	6:50pm
EQ900	3:00pm	3:55pm	11:05pm	11:50pm

I should take flight RA110 to Dublin and return on flight FH150 because they are the quickest.

Do you agree with Tanya? Explain your answer.

Timetables

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4. The timetable below shows the times of underground trains. Use the information in the table to answer the questions.

	22A	22B	23A	23B
Common Place	8:17	8:28	8:39	-----
Tree Hill	8:29	-----	8:51	8:58
Market Square	8:41	8:41	-----	9:17
Butler Grove	9:04	8:54	9:12	-----

A. How long is the journey from Common Place to Butler Grove on train 22B?

B. Which station does train 23A not stop at?

C. Lois arrives at Market Square at 8:41. Which train did she get from Tree Hill?

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5. Use the information in the timetable to work out which of the following statements are correct.

	Gareth	Kelly	Abdul
9:05 - 9:45	Tent Assembly	Fire Making	Fire Making
10:20 - 10:50	Raft Building	Wood Craft	Tent Assembly
11:45 - 12:25	Wood Craft	Cooking	Cooking
3:05 - 4:35	Fire Making	Tent Assembly	Raft Building
6:50 - 7:35	Cooking	Raft Building	Wood Craft

A. Kelly and Abdul are together for more than one activity during the day.

B. Fire Making is the activity that lasts the longest for Abdul.

C. Kelly starts Tent Assembly at 4:35pm.

E

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6. Zeeshan is going on holiday to France and is deciding which flights to take.

Flight code	Depart from U.K.	Arrive in France	Depart from France	Arrive in U.K.
XJ200	11:00am	11:58am	4:12pm	5:10pm
BC377	1:09pm	2:05pm	6:03pm	6:54pm
AB300	8:13pm	9:16pm	11:04pm	11:56pm

> I should take flight BC377 to France and return on flight AB300 because they are the quickest.

Do you agree with Zeeshan? Explain your answer.

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Timetables

7. The timetable below shows the times of theme park trains. Use the information in the table to answer the questions.

	Blue 1	Blue 2	Red 1	Red 2
Coaster Cave	09:24	13:18	11:40	-----
Dizzy Dungeon	09:36	-----	11:52	15:35
Horror House	09:49	13:51	12:06	15:59
Sweet Street	10:04	14:12	12:32	16:24

A. How long is the journey from Coaster Cove to Sweet Street on the Blue 2 train?

B. Which train takes the most time to travel from Horror House to Sweet Street?

C. Lucas arrives at Sweet Street at 10:04. He had been travelling for 28 minutes. Where did he get on the train?

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8. Use the information in the timetable to work out which of the following statements are correct.

	Esther	Josh	James
09:05 - 09:55	Show Jumping	Sheep Herding	Show Jumping
10:20 - 11:10	Tombola	Tombola	Tombola
11:45 - 12:25	Sheep Herding	Show Jumping	Craft
13:55 - 14:45	Craft	Petting Zoo	Petting Zoo
15:20 - 16:15	Petting Zoo	Craft	Sheep Herding

A. Josh starts Craft at 3:20pm.

B. Josh and James are together for 1 hour and 35 minutes during the day.

C. The Petting Zoo is the longest activity for Esther.

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9. Michael is going on holiday to Greece and is deciding which flights to take.

Flight code	Depart from U.K.	Arrive in Greece	Depart from Greece	Arrive in U.K.
WH200	11:03	13:47	09:15	12:07
AB377	16:15	19:05	14:10	17:17
AB500	18:25	21:10	20:40	23:25

I should use flight WH200 to travel to and from Greece because its journeys are the quickest.

Do you agree with Michael? Explain your answer.

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Homework/Extension – Timetables – Year 5 Greater Depth

Developing

1. A. 25 minutes, B. New Market, C. 6A
2. B is correct – Sophie and Katie are only together for the beach art activity.
3. Tanya is incorrect. Flight RA110 is the quickest flight to Dublin taking 40 minutes and flight EQ900 is the quickest return flight taking 45 minutes.

Expected

4. A. 26 minutes, B. Market Square, C. 22A at 8:29
5. A is correct – Kelly and Abdul are together for the cooking and fire making activities.
6. Zeeshan is incorrect. Flight BC377 is the quickest flight to France taking 56 minutes and is also the quickest returning to the U.K. taking 51 minutes.

Greater Depth

7. A. 54 minutes, B. Red 1, C. Dizzy Dungeon
8. A and C are correct – Josh starts craft at 15:20 and the petting zoo is Esther's longest activity (55 mins).
9. Michael is incorrect. Flight WH200 is the quickest flight to Greece taking 2 hours and 44 minutes, but flight AB500 is the quickest return flight taking 2 hours and 45 minutes.

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Homework/Extension – Timetables ANSWERS