9 facts?

Key Learning

To give pupils the opportunity to learn new information about the A9 Dualling Perth to Inverness in order to raise their awareness of the size and scale of the project.

Experiences and Outcomes: Second Level

I can select ideas and relevant information, organise these in an appropriate way for my purpose and use suitable vocabulary for my audience

LIT 2 0-06a

When listening and talking with others for different purposes, I can:

- share information, experiences and opinions
- explain processes and ideas
- identify issues raised and summarise main points or findings
- clarify points by asking questions or by asking others to say more.

LIT 2-09a

I am developing confidence when engaging with others within and beyond my place of learning. I can communicate in a clear, expressive way and I am learning to select and organise resources independently.

LIT 2-10a / LIT 3-10a

Learning Intentions

- I am learning new facts about the A9 Dualling programme.
- I am leaning new ways to remember facts so that I can recall them.

Success Criteria

- I can listen carefully to the facts as they are told.
- I can write keywords or draw pictures that will help me remember the facts.
- I can speak clearly and confidently when retelling facts.

Notes for Teachers

- To dual the A9 from Perth to Inverness will cost an estimated £3 billion. This complex and challenging civil engineering project will be the largest transport investment in Scotland's history.
- Transport Scotland is an agency of the Scottish Government responsible for the delivery of major infrastructure projects, including dualling the A9.
- 3 Consultancies have been appointed to design the route, assess the environmental conditions and work towards procurement and construction.

Northern Section

Dalraddy to Inverness - Joint Venture (JV) between Atkins and Mouchel

Central Section

Glen Garry to Dalraddy - Joint Venture (JV) between CH2M Hill and Fairhurs

Southern Section

Pass of Birnam to Glen Garry - Jacobs

- As a means of introduction, a map outlining the route is included.

The Activity

- To take part in 9facts? A fun game about the A9 Dualling project.
- To be able to recall new facts.

NB The game has components that allow it to be played either individually by a group of 8 pupils or alternatively by a class divided into 8 teams.

Future learning

Pupils will become more familiar with the new facts and figures the more games that are played.

This enhanced awareness of the A9 Dualling project will prepare the pupils for the "Roadshow Challenge Activities" that will be brought into primary schools later in the year.

Activity Instructions

- Each player/team requires one game board and access to counters.
- One person, preferably a teacher initially, will be the 'caller'. The balls are mixed up in the bag.
- The 'caller' selects one ball at a time and shows the number to all the players while calling out the number. (*The ball can be placed in the tray to check winning numbers at the end of the game.)*
- If a player/ team hears a number called, which is on their board they should cover it with a counter.
- Each number has a related fact about the A9 Dualling programme. The 'caller' tells the players the fact from the information sheet provided. (Pupils may be given time to write key words or draw an image to help remember the fact)
- The winner is the first player/team to cover **all** their numbers and call **A9!**
- To complete the playing experience the 'caller' can challenge all the players to recall facts about the A9 Dualling project. Can the players/teams together name 9facts? (Pupils may use their key words or drawings as a reference if this was used during the game)
  N.B The PowerPoint includes images that could also be used to help pupils remember facts at the end of a game.

In the event of a tie

1. For a quick game the 'caller' can decide the first player/team who called A9 to be the winner. As above, to complete the playing experience the 'caller' can then challenge all the players to recall facts about the A9 Dualling project. Can the players/teams together name **9facts?**
2. Or…a **'fact off'** takes place between the players/teams who called A9, to complete the game. Each player/team in turn must recall one fact from the game, this continues until one player/team recalls more facts than their opponent/s and win, completing the game.

To continue playing

EITHER the teacher remains the caller OR the winner/nominated person from the winning team can be chosen.

Variations of the game

In order to win each player/team must:

1. Cover ***one column*** on their board
2. Cover ***one row*** on their board
3. Cover ***all 4 corners*** on their board

9 facts?

Facts: A9 Dualling Perth to Inverness

007 The A9 is mentioned in the James Bond film, Skyfall.

- **007** is the code name of the legendary British Secret Service Agent, James Bond.

2 The scale of the work means the A9 dualling programme will have to take into account **2** National Nature Reserves.

- Insh Marshes (Central Section) and
- Craigellachie (Southern Section)

3 The scale of the work means the A9 Dualling programme will have to take into account **3** major river systems.

- The River Tay, the River Spey and the River Findhorn.
- The River Tay is the longest river in Scotland at 117 miles.
- Ecology surveys focus on the rivers, streams and their floodplains and study the interaction of the existing route with the natural water environment.

4 There are **4** main benefits from dualling the A9.

- Reduced journey times,
- improved operational effectiveness,
- less driver frustration,
- and safer roads for users and local communities.

5 There are **5** snow gates on the A9 between Perth and Inverness.

- The A9 can often be closed during winter due to high wind and

	levels of snow. • Snow gates are around 1m high and are closed by police to prevent drivers from becoming stranded on the A9.
9	The road to be dualled is called the A**9**. • It is the longest trunk road in Scotland with the Perth to Inverness section forming 110 miles of the 269 miles total. • It is the fifth longest in the UK. • It is the main route that connects central Scotland and the Highlands.
14	The scale of the work means the A9 dualling programme will have to take into account **14** scheduled monuments.
18	The road origins of the A9 lie in the military roads building programme of the **18th** Century. • It was built by General Wade. • He built 240 miles of military roads to open up the Highlands, many of which are still in use today.
20	It is forecast that **20** minutes will be saved on journey times between Perth and Inverness when the dualling is complete. • This is one of the key benefits from the A9 dualling.
22	On average **22%** of vehicles using the A9 are HGV's. • There are 4 main road users on the A9: Local drivers, commuters, freight transport and tourist traffic.
30	**30** miles of the A9 has existing dual carriageway sections between Perth and Inverness.
40	**40** miles per hour (mph) is the maximum speed limit for traffic

	travelling through roadworks on the A9.
50	**50** miles per hour (mph) is the maximum speed limit for lorries on the single carriageway sections of the A9 following the introduction of the Average Speed Cameras. • It is 40 miles per hour for lorries on other sections of single carriageway in Scotland. • The 50mph speed limit was introduced as part of a pilot study aimed at improving the operational performance of the A9 and enhancing road safety.
51	The scale of the work means the A9 dualling programme will have to take into account of **51** listed buildings present along the A9 corridor from Perth to Inverness. • A listed building is a building of 'special' architectural or historic interest
60	**60** miles per hour (mph) is the maximum speed limit on existing single carriageway sections of the A9 for cars and motorcycles. • A single carriage way is a road with only one lane in each direction.
70	**70** miles per hour (mph) is the maximum speed limit on dual carriageway sections of the A9 for cars and motorcycles. • A dual carriage way is a road with a dividing strip between the traffic in opposite directions and two lanes in each direction.
77	The scale of the work means the A9 dualling programme will have to take into account **77** bridges between Perth and Inverness. • Building new and widening existing major bridges is a significant challenge for the project teams dualling the A9.

80	**80** miles of the A9 will be upgraded from single carriageway to dualled carriageway between Perth and Inverness.
100	The scale of the work means that the A9 dualling programme will have to take into account **100+** junctions. • These junctions must be considered in order to provide access to adjacent properties and communities.
142	There are **142** ancient woodland sites present along the A9 corridor between Perth and Inverness which the project will carefully consider. • An ancient woodland is land that has had woods on it for at least 250 years.
462	Drumochter is the highest point of dual carriageway in Scotland with a height of **462m** above sea level.
1856	The Highland Mainline Railway was built in **1856.** • The railway runs alongside the A9 between Perth and Inverness, connecting the two cities. • Working in close proximity to, or over, the Highland Main Line Railway is a significant challenge for the project teams dualling the A9.
1923	The road was formally designated as the A9 in **1923.** • Before that roads did not have numbers
2025	**2025** is the completion date for dualling the A9.
32,000	**32,000** tonnes of freight (goods) are transported along the A9 between Perth and Inverness every day.
40,000	On average **40,000** vehicles use the A9 between Perth and Inverness every day.

65,000	**65,000** people take trips on the A9 between Perth and Inverness every day.
12 million	**12 million** vehicles use the A9 between Perth and Inverness every year.
3 billion	**£3 billion** is the estimated cost of the dualling programme. This complex and challenging civil engineering project will be the largest transport investment in Scotland's history.
19 billion	**£19 billion** is the estimated cost of goods carried along the A9 between Perth and Inverness every year.

3	3 billion	4
462	50	80
77	18	2
1923	51	40,000

9 facts?

12 million	50	1923
5	3	32,000
9	20	100
18	51	462

9 facts?

30	50	18
12 million	3	80
19 billion	40,000	65,000
2	60	51

9 facts?

4	007	77
1923	22	462
5	60	51
32,000	70	2

9 facts?

462	2	12 million
30	2025	18
007	80	9
142	5	40,000

9 facts?

70	50	20
100	3 billion	77
142	80	9
19 billion	007	40,000

9 facts?

14	100	19 billion
32,000	40	18
12 million	4	51
1923	77	80

9 facts?

30	5	3 billion
19 billion	22	4
1856	32,000	2025
51	65,000	20

9 facts?