



OPERATION KRYPTON



St Margaret's top linguists help the GCHQ bust a drug trafficking network!



Miss Monaghan, Mrs Pinnington and Mr Anasoh set up **our top linguists** in a secret location in our school.

Our top linguists: Josh, Mustafa, Harry, Daniel and Karl were recruited by GCHQ to assist them in a dangerous mission. They were selected because of their excellent foreign language skills. Below, you can see the order of mission received by Miss Monaghan and passed on to Mrs Pinnington and our Elite Team. Mr Anasoh provided our secret agents (**code name: Section 002**) with the IT equipment needed for the mission.

For those of you who have never heard of the GCHQ, this is what you need to know:

Government Communications Headquarters, commonly known as **GCHQ**, was set up in 1919; it is an intelligence and security organisation responsible for providing signals intelligence (SIGINT) and information assurance to the government and armed forces of the United Kingdom. Based in "The Doughnut" in the suburbs of Cheltenham, GCHQ is the responsibility of the country's Secretary of State for Foreign and Commonwealth Affairs. It works with MI5 and MI6. It has been responsible for cracking enemy codes and thus helping us win wars.



Cracking the Drug Smugglers: Operation Krypton

You have until 11.25 for

- Task 1 Now Understanding audio message
- Task 2 9.50 Finding information
- Task 3 10.00 Information trail
- Task 4 10.45 Encoding a message
- Task 5 11 – 11.30HQ interview



OPERATION KRYPTON

The Mission

You are working in a mixed team of analysts from GCHQ and the National Crime Agency (NCA). Your mission is to break up a major international drugs smuggling ring by tracking a concealed shipment of drugs and preventing it from reaching the UK.

In the course of this morning, you will be faced with a series of challenges which will test your linguistic and analytical skills. Bits of information are reaching you all the time and you must piece them together. You must work against the clock to solve these tasks to establish:

- An identikit picture of the courier / drug trafficker
- Where and when the handover of the drugs from the courier to the UK contact will take place
- How the drugs consignment will be transported from place of origin to the rendez-vous point

You have until **11.25am** to solve the challenges, complete your report sheet and prepare a briefing for your law enforcement partners.

Background

Khalif is a known UK-based drugs smuggler involved in an international drugs smuggling ring with links to cocaine producers in Colombia. He is suspected of being the UK contact in a major drugs smuggling operation codenamed OPERATION KRYPTON, aimed at importing cocaine to the UK. Your task is to uncover details of the operation and identify the courier, who you believe calls himself **Vladimir**. You want to track the courier so you can establish the identity of the UK contact but at the moment you don't know what he looks like.

Khalif and his contacts are known to speak Korean and Arabic in addition to French/Spanish/German.



THE TASKS

Preparation

As the drugs gang are known to speak Korean and Arabic, you will need to understand more about these languages in order to help you in your investigations. 3 of you have been asked to learn some Korean and 3 Arabic. This should have been done in advance. Basic crypt training will be given to you.

Task 1

HQ has intercepted an audio message. Listen to it very carefully. What vital information does it give you? Enter any important information on the answer sheet in readiness to feed back to HQ.

Task 2

NCA has provided HQ with some additional information that they have retrieved, but they need your linguistic expertise to make sense of it. (Your teacher will have this information for you) What do you make of it? Enter this further information on the answer sheet.

Task 3

You are now on the trail of the courier and are tracking him across France/Germany/Spain. The information clues that you receive will be appearing on the event screen at random intervals from 10.00. Make sure you don't miss any!

Task 4

Send an encoded message using Fr/Ger/Sp as your base language to the drug smuggler so that he/she is unaware that the operation has been compromised and telling him what time to meet so that you can catch him. Maximum 40 words. You must include an Arabic number as you know this is the sort of thing that the gang do. You will have a separate worksheet for this. Submit by 11.25.

Task 5

HQ have asked to interview your team between 11.00 and 11.30. We will let you know the exact time via your teacher. As you are new to GCHQ they would like to check your foreign language skills and will be conducting the interview in Fr/Ger/Sp. There will be one question each:

- Tell us 3 things that you have already found out about Vladimir.
- What have you learned about GCHQ?
- Why do they need linguists?
- How are you working as a team? Who is doing what?
- What are the most important elements of team work?
- What have you enjoyed most this morning?



Section No. 002

Using an intercepted message, our top agents deciphered the information needed to trace Khalif and the drug consignment from their arrival from Colombia through France to its final French destination on their way to the UK.

TASK 1

Shipment details

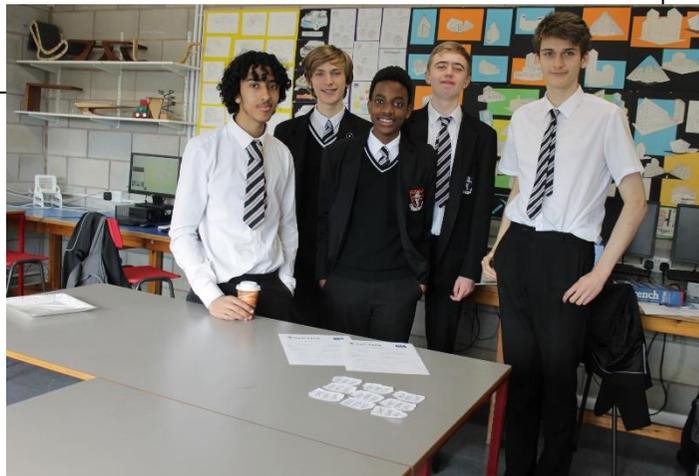
Size: 500kg
 Date of arrival: 20/4
 Entry point: Bordeaux
 Intended destination: UK
 Shipment route and method: Boat, in coffee containers

Rendez-vous details

Where is the meeting planned to take place?
 Starbucks
 What time? 11:52
 Who should you ask for? Georgiou
 What should YOU wear? Sunglasses a black leather coat and red gloves

In which town will the meeting with Vladimir take place? Le Havre

Date of meeting: This week on the 26/4

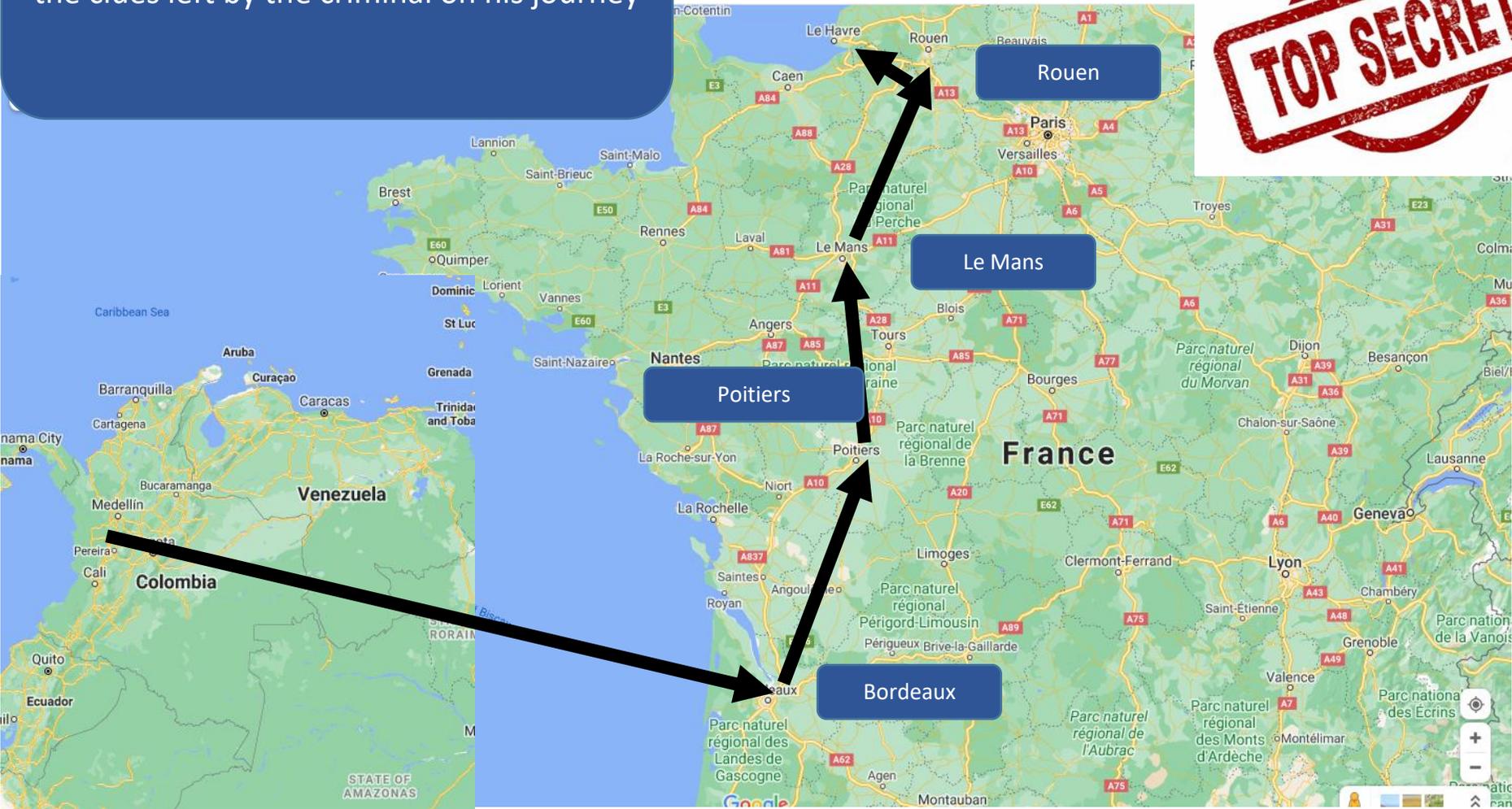


TASK 2

Identikit picture of the courier Vladimir

Gender:		
Male		
Height:		
		Tall
Build:		
Slim		
Hair (4 answers):		
Long		
		Curly
		Dark
	Moustache	
Clothes:		
Blue long-sleeved shirt		
Slim-fit, black trousers		
Black leather coat		
Accessory:		
Sunglasses		

We worked out the smuggling route from the clues left by the criminal on his journey



Le Havre

Rouen

Le Mans

Poitiers

Bordeaux

TASK 4

Creating an enciphered message.

This should be a maximum of 40 words and is designed to be a false one from Vladimir to the UK contact, who you believe is Khalif.

Send an encoded message to Khalif using French as your base language as if you were Vladimir so that Khalif is unaware that the operation has been compromised. You can give him further details and include what time to meet so that you can catch him. You must include some Arabic numbers as you know this is the sort of thing that the gang do.

This enciphered message was sent to Khalif:

HMCH IX LBIIX UMOOX LIXFG PB YMVBSNX XIH XN IXUGJSHX,
NMHJX HJBFBSP BUTBJNX LMJHXJB IXI WJGSHI. JXNYXA-FMGI B

OSNGSH B PB VBJX LJSNUSLPX YG TBFJX B **و سِتَّة**

أَرْبَعَةَ عَشْرُونَ.

What Khalif read was...

Tout se passe comme prévu, la cocaïne est en sécurité, notre travail acharné portera ses fruits. Rendez-vous à minuit à la gare principale du Havre à

أَرْبَعَةَ عَشْرُونَ و سِتَّة.



Khalif was fooled into thinking the cocaine was safe and that he could meet up with Vladimir in the port of Le Havre...
But on arrival, this was the “welcoming committee” ...

Thanks to Josh, Harry, Daniel, Karl and Mustafa,
the smuggling ring was dismantled, the drugs seized
and the criminals arrested!

Bravo! Vous avez été fantastiques!





This was a prestigious competition organised by GCHQ and a lot of schools took part in French, German and Spanish. All secret agents had also been tasked to learn some Korean and Arabic so they could understand coded messages and created one themselves.

GCHQ are always keen to encourage linguists to develop their skills and to show students how important it is to learn a foreign language. Having foreign language skills can make the difference in a conflict, they can stop criminal activities; it's a capital part of keeping your country safe...

The whole team had a lot of fun competing against other schools. The MFL department is also very proud to announce that **Section 002** (aka **Josh, Harry, Daniel C, Mustafa and Karl**) came runners-up in the competition.

They received certificates issued by GCHQ and Amazon vouchers.

WELL DONE JOSH, HARRY, DANIEL, MUSTAFA AND KARL!!!

YOU WERE AMAZING!!!

