

Title: It's Top Secret!



TERM: Autumn 1
YEAR GROUP: 4

Rationale:

Year 4 have received a special message from the CEO of the National Intelligence Agency. This message revealed that the Year 4 teachers are actually undercover spies working for the agency and that they have been tasked with finding new, young recruits to become special agents! The children of Year 4 have six weeks to prove that they have what it takes to graduate as agents for the NIA. As part of this training programme, each pupil will have to design, create and evaluate a signature spy gadget to help them with their future missions.

Lead Subject: DT

For this project, each pupil will design, make and evaluate a spy gadget for the NIA.

This gadget must be functional and appealing and contain a working electrical circuit. We will be carefully designing our products and selecting appropriate materials for the gadgets' purpose and structure. In lessons, we will also be learning new skills to join and reinforce materials to ensure our gadgets are fit for purpose.

Lead Subject: English

Throughout this project, we will be reading 'Operation Gadgetman!' by Malorie Blackman. We will also be developing our VIPERS reading skills through the short film 'Spy Fox' and writing our own short story inspired by the film.

As well as this, we will produce a persuasive letter to convince the National Spy Agency to commission our spy gadgets for their spy academy.

Lead Subject: Science

In Science, we will be learning all about electricity, where it comes from and how it travels. To link with D.T, we will be constructing circuits and carrying out investigations with the components to help us produce the best circuit for our gadgets. We will also be exploring how to create scientific diagrams of these circuits for our product designs.

TOP SECRET

Applied Subject: ICT

After learning about how to stay safe online and protect our identities, we will be undertaking some special agent missions involving control technology and some new crumble boards which have arrived. We hope to be able to use our new skills to program and enhance our spy gadgets.

Outcome:

We will invite Year 5 to view our gadgets and other work at a gadget fair, where we are also aiming to graduate after our special agent training!

Home learning:

Your home learning assignment will be to produce a blue print for a spy vehicle for the NIA. Details to follow.

School Values: Resilience

In D.T, we will be developing our self - evaluation skills throughout the process of designing and making our spy gadgets. We will be building resilience when problem solving, correcting faults and self-evaluating to improve the products.

Maths:

This half term, we will be exploring numbers over 1000 and demonstrating knowledge of the place value of each digit. We will compare 4-digit numbers using number lines. We will then move on to adding and subtracting 4-digit numbers using expanded column method and using this method to solve addition and subtraction problems.

Discrete: P.E.

Wednesday - gym
(indoors)

Thursday - dodgeball
(outdoors).

Discrete: French

Numbers to 20.

About me: How old I am and where I live.

Discrete: PDL

Me and My Relationships

Discrete: R.E.

Creation

