

Think Forensic's Future Minds

Capturing curiosity
and learning through exploration.



Think
Forensic!

Modules for Science Super Sleuths

www.thinkforensic.co.uk

Overview

Future minds is aimed at reception and year 1 Primary children. Consisting of a week of activities around science, literacy, maths, PHSE and life skills, you could say it ticks all the boxes.



The week starts with a workshop led by staff from Think Forensic. This session is used to set the scene for a host of activities later in the week and uses a school mystery to look at how we use differences in people to help solve crimes (mysteries).

During this session students establish what has happened by exploring

- Fingerprints
- Shoeprints
- Hair
- Fibres
- Tyre tracks

Day 2 , 3 and 4

Think Forensic has designed resources and put together a full kit suitable for early years use.



The kit, which is fully supported by teacher's notes and guidance, is left with school and collected on a Friday at the end of the programme.



All activities can be introduced and led by class teachers.



Step by step guides are also designed to support and actively encourage parental involvement.

Day 2 Tuesday

The day starts with an introduction to a new mystery. Based upon the story of *Goldilocks and the three bears*, the mystery forms the basis for the rest of the week.

Throughout the week children are asked to identify a culprit by examining the evidence and eliminating all but one of five suspects.

Today's activities feature five workstations including :

A metal hunt - Designed to illustrate differences in materials.

Teeth mark - Highlighting the difference between animal/human teeth, milk teeth and adult teeth.

Jobs and uniforms - Emphasising safe working by matching jobs to uniforms and PPE .

Paw prints -
Matching paws to animals, looking at size and different characteristics .
Includes measuring.

Sorting bears -
Measuring, sorting by colour, weight and size. Counting, dexterity and coordination.



Day 3 Wednesday

Today features evidence which cannot be seen, it highlights the sense of touch, smell, hearing and sight and includes:

UV Powder and gel - Whilst on Monday powder was used for developing fingerprints today we use it to highlight issues around hygiene, how germs can be transmitted and the importance of hand washing.

X-rays - Leading on from teeth yesterday this session looks at animal/human skeletons, joint types and movement.

Feely Tubs - Uses the sense of touch and encourages children to use descriptive language to describe what they can feel.

Senses station - Sound buttons and smelly canisters raise awareness around the two senses. Also highlights links to danger.

Listening skills - introduces the concept of witnesses and the importance of listening, observing and interpreting.



Day 4 Thursday

Thursday features a day of scientific exploration. Students use a variety of processes and specialist equipment to eliminate the last two suspects.

The workstations include:

- Manual microscopes - Examining everyday objects and substances such as sugar, sand, cloth, feathers and seeds and describing what they see.
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- Digital microscope - Looking at differences in hair and fibres plus anything else in the classroom that captures their imagination.
 - Chromatography - Using this scientific process to explore how colours are made up. The workstation also includes following instructions requiring children to follow several steps carefully.
 - Fingerprints - Using specially prepared and unique overlays to match and identify fingerprints. The workstation also allows another opportunity for children to examine their own fingerprints and compare them.
 - What witnesses can see- A spot the difference exercise aimed at developing observations and stressing the importance of looking carefully.

Day 5 Friday

Today sees the conclusion of the programme.

It is an ideal opportunity to invite parents, governors, local councilors and MP's into school to showcase the work the children have completed.

Children can use all the equipment and kit to demonstrate the analysis and experiments they have conducted throughout the week. A member of Think Forensic will be on hand to discuss the work the children have done and also discuss any aspect of forensic science.



On completion of the session the children can be presented with a certificate marking their achievements.

Each child will be able to take home their crime scene suit, a tyre track cast, inked and lifted fingerprints and of course their certificate.

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