# JUNIOR CSI CLUB

THINK FORENSIC LTD

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# A Crime Has Happened in School... Can Your Students Solve It?

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Week One – An Introduction to Forensic Science

Week Two – Fingerprints & Alibis

Week Three – Hair & Fibres

Week Four – Footwear marks & Tyre Tracks

Week Five – Compufit

Week Six – Soil & Rocks


- Run over a half term, this is a fun and exciting after school club with a difference.
- Students use scientific techniques and make logical decisions to eliminate a suspect each week.
- The sessions were developed by Think Forensic's crime investigation experts. Techniques are authentic and all sessions are delivered in school by our experienced staff.

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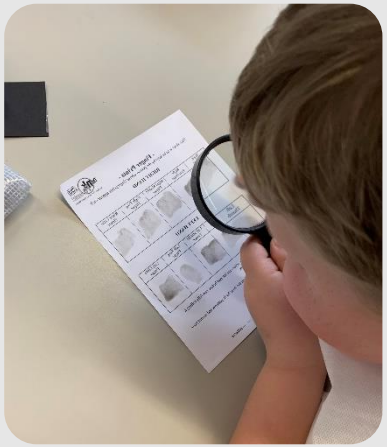
# Week 1 – Introduction to Forensic Science

- In this first session pupils will be introduced to Forensic Science including the different branches, roles and careers in the industry.
- Once introduced, they will be kitted out in crime scene suits and visit a mock crime scene in which a laptop has been stolen from school. They will gather the evidence at the scene including fingerprints, footwear marks, hair & fibres, soil, rocks.
- During this they will learn to observe closely using simple equipment, identifying and classifying, using observations to suggest answers, gather and record data to refer back to later, jobs & careers, literacy, numeracy, health & safety.

# Week 2 – Fingerprint & Alibis



- Pupils will develop, lift and roll their own fingerprints using different methods for different surfaces including porous and non porous. They will also identify and characterise their own fingerprints.
- They will analyse suspect fingerprints and see if they can eliminate a suspect from their enquiry.
- Alibis are introduced to pupils and they will read and compare the witness statements.
- On completion they will be able to take away their own fingerprints, stimulating discussion with parents/carers.

**Curriculum Links –** *asking simple questions and recognising they can be answered in different ways, observing closely, performing simple tests, identifying & classifying, gathering & recording data, literacy, numeracy, magnets (observe how they attract or repel each other and attract some materials and not others.*

# Week 3 – Footwear Marks & Tyre Tracks

- Pupils will cast, compare and match footwear marks and tyre tracks using scientific and technical processes.
- Pupils will develop a footprint using an alternative technique to casting.
- On completion of this session students will take home tyre track casts stimulating discussion with parents/carers.

**Curriculum Links –** *asking simple questions and recognising they can be answered in different ways, observing closely, performing simple tests, identifying & classifying, gathering & recording data, literacy, numeracy, differences in materials, liquid, solid, cold, hot and the changes in materials.*

# Week 4 – Hair and Fibres

- An introduction to microscopy; using digital microscopes students explore the morphology of hair, the difference between animal and human, ethnic backgrounds and the origin and differences of fibres to eliminate a further suspect.

**Curriculum Links –** *asking simple questions and recognising they can be answered in different ways, observing closely, performing simple tests, identifying & classifying, gathering & recording data, literacy, numeracy, identifying and comparing the differences in everyday materials.*

# Week 5 - Compufit

- Using the educational version of the software used by the FBI and some police services in the UK, students will build a facial composition of our suspect. This session also incorporates descriptive and listening skills.

**Curriculum Links –** *IT skills, listening skills, literacy, descriptive and observational skills, working scientifically.*

# Week 6 – Soil and Rocks

- The final week, pupils will examine and compare samples of soil found at the crime scene and classify different rock types using observations and scientific processes by testing samples for a reaction to acid.
- Pupils will discuss the origin of each sample and also the habitats they help create.
- Once their analysis is complete, pupils will be able to link their samples to one of their two remaining suspects.

**Curriculum Links –** *asking simple questions and recognising they can be answered in different ways, observing closely, performing simple tests, identifying & classifying, gathering & recording data, compare and group together different kinds of rocks on the basis of their appearance and simple physical properties, recognise that soils are made from rocks and organic matter.*


- Cost £5 per head per session with a minimum charge of £100, maximum number of children 25. All costs are subject to VAT.
- On completion of week 6, pupils will receive a certificate of attendance and be able to take home their crime scene suits.

For more information or how to book please contact Think Forensic either by email hello@thinkforensic.co.uk or call us on 01484 860599.