Name: Pd:

**The ways Forensic Science is connected to different branches of science.**

**6 Language Arts 6**

**Biographies**

**Communication: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_**

**Fiction and non-fiction**

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**Technical reading Skills**

**3 Technology 3**

**Chromatography**

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**Electrophoresis**

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**2 Earth Science 2**

**Casts and molds**

**Mineralogy**

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**Forensic**

**Science**

**1 Physics 1**

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**Blood splatter and patterns**

**Fracture patterns: Bone, glass**

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**Refractive index**

**Sound: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_**

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**10 Process Skills 10**

**Comparative analysis**

**Critical Thinking**

**Deductive reasoning**

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**Problem solving**

**Study Skills**

**9 Social Studies 9**

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**Constitutional rights**

**Criminal Justice**

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**Psychology:** The criminal mind\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

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**8 Miscellaneous 8**

**Cosmetics**

**Forgery**

**Handwriting**

**Paper and Ink analysis**

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**7 Chemistry 7**

**Density**

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**Fire and Explosives**

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**Mixtures and separations**

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**Toxicology:** Drugs and Poisons

**4 Life Sciences 4**

**Anatomy:** Fingerprints, hair, bones, blood, teeth, saliva, semen

**Botany:** \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

**Entomology:** Insects

**Serology:** \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

**Zoolology:** \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

**5 Math 5**

**Algebra**

**Graphing**

**Measurement**

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**Analysis and Applications**

**Directions:**

For each branch of study under forenscis, choose 1 subheading and create a situation in which it might be important or relate to solving a crase.

**Example**:

4. Botany

**Situation:**

A victim is found with leaves in hair.

Knowing where those plants grow may help determine where the crime occurred or if the body was moved

**4 Life Sciences 4**

**Anatomy:** Fingerprints, hair, bones, blood, teeth, saliva, semen

**Botany:** Plant Identification

**Entomology:** Insects

**Serology:** \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

**Zoolology:** \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

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**Situations:**

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1. \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

**Situations:**

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**Situations:**

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1. \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

**Situations:**

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**Situations:**

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**Situations:**

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**Situations:**

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**1 Physics 1**

**Ballistics**

**Blood splatter and patterns**

**Fracture patterns: Bone, glass**

**Light**

**Refractive index**

**Sound:** Voice Patterns

**Trajectories**

**2 Earth Science 2**

**Casts and molds**

**Mineralogy**

**Soil Studies**

**3 Technology 3**

**Chromatography**

**Computers**

**Electrophoresis**

**Microscopy**

**Photography**

**Spectroscopy**

**4 Life Sciences 4**

**Anatomy:** Fingerprints, hair, bones, blood, teeth, saliva, semen

**Botany:** Plant Identification

**Entomology:** Insects

**Serology:** Blood, DNA

**Zoolology:** Animal hair and blood

**5 Math 5**

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**Graphing**

**Measurement**

**Rations**

**Word Problems**

**Statistics**

**Trigonometry**

**6 Language Arts 6**

**Biographies**

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**Fiction and non-fiction**

**Research Skills**

**Technical reading Skills**

**7 Chemistry 7**

**Density**

**Fiber Analysis**

**Fire and Explosives**

**Inorganic analysis**

**Mixtures and separations**

**Organic analysis**

**Toxicology:** Drugs and Poisons

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**Paper and Ink analysis**

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**Tool Marks**

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**Criminal Justice**

**Forensic History**

**Psychology:** The criminal mind

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**Critical Thinking**

**Deductive reasoning**

**Interviewing**

**Observation Skills**

**Organizational Skills**

**Problem solving**

**Study Skills**

**The ways Forensic Science is connected to different branches of science.**

**6 Language Arts 6**

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**Tool Marks**

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**7 Chemistry 7**

**Density**

**Fiber Analysis**

**Fire and Explosives**

**Inorganic analysis**

**Mixtures and separations**

**Organic analysis**

**Toxicology:** Drugs and Poisons

**4 Life Sciences 4**

**Anatomy:** Fingerprints, hair, bones, blood, teeth, saliva, semen

**Botany:** Plant Identification

**Entomology:** Insects

**Serology:** Blood, DNA

**Zoology:** Animal hair and blood

**5 Math 5**

**Algebra**

**Graphing**

**Measurement**

**Rations**

**Word Problems**

**Statistics**

**Trigonometry**