**Curriculum for Excellence links: SCI-FUN Do-It-Yourself Activities**

**Easiest to make section**

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| **Activity** | **Curriculum links** |
| Colour Box | SCN 2-11b |
| Conflicting Signals | SCN 2-12b / SCN 3-12a |
| Hole in the Hand | SCN 2-12b / SCN 3-12a |
| Optical Illusions | SCN 1-12b / SCN 2-11b / SCN 2-12b / SCN 3-12a |
| Reaction Timer | SCN 2-12b |
| Tangrams | Numeracy and Mathematics (related to Shape, Position and Movement – First, Second and Third Levels) |
| Upside-down Faces | SCN 1-12b / SCN 2-11b / SCN 2-12b / SCN 3-12a |

**Medium difficulty section**

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| **Activity** | **Curriculum links** |
| Coanda Effect | related to SCN 2-07a |
| Cube Illusion | SCN 1-12b / SCN 2-11b / SCN 2-12b / SCN 3-12a |
| Inverse Colour Illusion | SCN 1-12b / SCN 2-11b / SCN 2-12b / SCN 3-12a |
| Reverse 3D Dragon | SCN 1-12b / SCN 2-11b / SCN 2-12b / SCN 3-12a |

**Hardest to make section**

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| **Activity** | **Curriculum links** |
| Seeing is Believing | SCN 1-12b / SCN 2-11b / SCN 2-12b / SCN 3-12a |

**Curriculum statements**

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| SCN 1-12b | I have explored my senses and can discuss their reliability and limitations in responding to the environment. |
| SCN 2-07a | By investigating how friction, including air resistance, affects motion, I can suggest ways to improve efficiency in moving objects. |
| SCN 2-11b | By exploring reflections, the formation of shadows and the mixing of coloured lights, I can use my knowledge of the properties of light to show how it can be used in a creative way. |
| SCN 2-12b | I have explored the structure and function of sensory organs to develop my understanding of body actions in response to outside conditions. |
| SCN 3-12a | I have explored the structure and function of organs and organ systems and can relate this to the basic biological processes required to sustain life. |