## hidden lives

## Guidelines for the use of 'HL3.2 - Cake slice angles'

| Activity title: | Cake slice angles |
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| Curriculum area: | Maths |
| NC objectives: | Maths Ma2 1c, Ma3 4b, 4c |
| Main learning objective: | Pupils understand what right angles, acute angles, and obtuse angles are, using <br> protractors to find the angles accurately. |


| Timing | Lesson plan ideas, activities and resource sheets |
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| INTRODUCTION |  |
| 20 minutes |  | | - Tell pupils that that they will be learning how to predict angles and measure them accurately. |
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| - Show the class a right angle on the board and then ask pupils to identify the same angle in the classroom. Introduce the |
| words and concepts of 'Obtuse' (larger than a right angle) and 'Acute' (smaller than a right angle) and explain their |
| meanings. Draw angles on the board and identify them correctly using the new vocabulary. |

## Suggested extension activities or cross curricular links:

- Once the pupils have completed the initial exercise, ask them to measure the remaining slice angle.
- Ask the pupils to estimate the slices into fractions and decimals.

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