**Lesson Overview**

**Get the right angle**

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| **AOLE: Numeracy** | |
| **4 Purpose: ambitious, capable learners** | |
| **WM:** Geometry focuses on relationships involving shape, space and position, and measurement focuses on quantifying phenomena in the physical world. | **DL:**  I can demonstrate my understanding of angle as a measure of rotation and I can recognise, name and describe types of angles. |
| **LO:**  To understand how a good boxer will use angles to maximise his chances of a win. | |
| **Intro:**  Discuss this excerpt from the play:  *Charlie:*  *First footwork. Move laterally, pivot, and circle*  *around your opponent.*  *You can create angles for better positioning*  *and striking opportunities.*  *Second. Feints and Fakes, use these to*  *deceive. Set up angles for effective strikes. By*  *making your opponent react, you create*  *openings for angled attacks.*  *Third lateral moves. Shifting your position,*  *creates openings from the side.*  *Fourth. Combination strikes. Throw*  *combination strikes to force your opponent to*  *defend from different angles.*  *Now four-punch combos, pivoting after each*  *one, playing with speed, and focus on your*  *footwork.*  *Rest and repeat.*  What is happening here? what types of moves are happening?  Boxing involves your whole body, your feet are as important as your fists.  Highlight the mathematical language  Boxing is known as the Sweet Science and much of this science comes from putting your body into the right position to be able to avoid your opponent and then to maximise your own chances of getting a good shot yourself. | |
| **Main:**  Revise angles:  measuring angles to 5 and 1  name key types of angle (right angle, acute, obtuse and reflex)  Draw examples of each type  Watch  <https://www.youtube.com/watch?v=IlOTgJCLcCg>  Use the resource sheet “Get the right stance” annotate angles with names and estimates of measurements if possible  Draw a range of stick figures in fighting poses and measure the angles of the arms, knees and as an extension, | |
| **Plenary:**  Make your own drawing of a boxer and label the stances using the resource sheet to support the figure drawing. | |
| **Useful links:**  Expressive Arts: figure drawing/ action poses  Expressive arts: Slo mo dance  Physical: drills | |