

Time intervals lesson plan

DAY	We Are Learning To (WALT):	MODEL / INTRODUCTION	INDEPENDENT WORK	PLENARY
	<p>Mental:</p> <p>Main: Calculate time intervals</p>	<p>Mental:</p> <p>Main: Revise how we looked at moving forward and backward in time Explain that today we will be looking at time intervals (how much time there is between two times e.g. an hour between 3 o'clock and 4 o'clock Give each child a small clock Go through PowerPoint with slides on the following:</p> <ul style="list-style-type: none"> • If we are asked to calculate a time interval in hours, we only change the hours / move the hour hand (the minutes stay the same). Ask children to move the hour hand on their clocks • If we are asked to move a time interval in minutes, we only change the minutes / move the minute hand (the hours stay the same). Ask children to move the minute hand on their clocks • Revise clockwise and anti-clockwise • Revise how to move forward / on in time you move clockwise • Revise how to move back in time, you move anti-clockwise • Explain how we move clockwise from the first time to the second time to calculate time intervals Need to remember to write the units e.g. 10 <i>hours</i> or 10 <i>minutes</i> • Example questions on calculating time intervals for children to try, using their clocks (changing the hours only) Lower ability children start work • Example questions on calculating time intervals for children to try, using their clocks (changing the minutes) Middle ability children start work • Example questions on calculating time intervals for children to try, using their clocks (crossing hour barriers) Higher ability children start work <p>Slide with reminder that the hour hand is short, the minute hand is long, half an hour means 30 minutes, quarter of an hour means 15 minutes, children need to move clockwise and reminder to write the unit of time i.e. hours / minutes</p>	<p>Lower ability – calculate time intervals (hours only)</p> <p>Middle ability – calculate time intervals (hours and half hours)</p> <p>Higher ability – calculate time intervals (5-minute intervals)</p> <p>G+T - calculate time intervals (crossing hours barriers)</p> <p>Extension – ICT activity at http://www.iboard.co.uk/iwb/Time-Calculations-Game-Level-1-Less-than-an-hour-within-the-hour-470 on calculating time intervals</p>	<p>Each child to set their partner a time interval to calculate on a small clock. Partner to attempt to calculate the time interval. Discuss if agree about time interval that partner comes up with. Swap over</p>