

Activity Plan – Wheat Production

<i>An activity on the site/farm</i>	<i>NC Subject</i>	<i>Key Stage</i>	<i>Year Group</i>	<i>Pupil Age</i>
Wheat production	DT – Food and nutrition	KS2	Y3	7-8
<p><i>Pre-visit contact with the school, aims of the visit and organisation factors:</i> Teachers to visit school at least 2 weeks before group visit. They should be familiarised with the location of facilities, site safety and operating procedures. Teacher to clarify aims of visit and their expected learning outcomes for the pupils.</p> <p>Copies of risk assessments, insurance cover, code of conduct and division of responsibilities to be emailed to school and least 1 week before visit</p>				
<p><i>Locations on the site farm:</i> Centre classroom, changing rooms and wheat field close to centre</p>				
<p><i>Content of the visit: What is the route and what activities take place? What is the timing for the activity?</i></p> <ul style="list-style-type: none"> • Pupils arrive and are briefed in the classroom area; location of facilities and ‘out-of-bounds’ areas explained. (15 minutes) • Pupils change into appropriate clothing if necessary ready to move to field area; field area can be any wheat field close to centre. (15 minutes) • Pupils use quadrants to count number of plants per sqm. Full seed heads can be opened to show number of seeds per plant. (25 minutes) • Pupils try to work out how many plants in field. (5 minutes) • Afterwards, pupils can return to centre change and wash hands for bread making exercise (15 minutes) • Pupils given some seed to examine and some flour; milling process explained. Pupils given small bowl to mix flour and water to make simple dough, which can be cooked on open fire or in oven dependent on weather and time of year. (30 minutes) • Summary and review (15 minutes) 				
<p><i>Resources:</i> Quadrants, sample seed head, tape measures, measuring wheels, bags for samples, calculator</p>				
<p><i>Learning Outcomes:</i> Skills – measuring, counting, observation Knowledge – growing cycle for wheat, productivity of wheat Understanding – need to manage the growing process, use of fertilizer, careful planting, weed control</p>				
<p><i>Evaluation and assessing learner progress:</i> Summative – question and answer with pupils, summary session at end Formative – completed worksheets, feedback questionnaires from staff, thank you letters from pupils</p>				