




DT RISK ASSESSMENT

ACTIVITY: Design and Technology

VENUE: Queens Part Infant Academy

RISK ASSESSMENT OF: Junior Hacksaw 		UNITS USED IN: Year 1 – Making Sandwiches Year 2 – Fruit Kebabs
LOCATION OF ACTIVITY: CLASSROOMS. To be used at a workstation that is cordoned off. Only 1 pupil in the area with an adult.		
HAZARDS	CONTROL MEASURES	ADDITIONAL INFORMATION
Round Ended Blunt Knife	<ul style="list-style-type: none"> • KS2 children should have the close supervision of an adult when using the hacksaw. • Only staff to replace worn blades by holding the hacksaw in a holding device whilst compressing the frame (replacement blades are replaced with the teeth pointing forwards.) • Teeth point forwards on the blades for ease of cutting- the cut will be on the push, not the pull. • Pupils who are likely to cause injury to themselves or others are prohibited from using hacksaws. • Pupils to be taught how to hold the hacksaw correctly. • Pupils to be taught to ensure they have sufficient personal space to use the saw. • The sawing of a piece of wood to be modelled to pupils, always using a bench hook or a G-cramp and not saw directly onto the table. • Pupils to be taught to draw the saw back a couple of times to make a starter notch before beginning sawing action. • Pupils to be made aware that the blade of the hacksaw is sharp and could cause cuts to the skin. • There is a risk of inhalation of dust. Dust must not be blown away as this increases the risk. 	<ul style="list-style-type: none"> • Prior to use a member of staff should check the security of the blade in the frame and that the blade has no broken teeth. • Where possible hacksaws to be stored away from children's access. • Where possible, the easier to hold plastic handled hacksaws are used in preference to the traditional type with a loop shaped handle. • A fined toothed (32 teeth per inch) blade is used to give a more fluent cutting action. • Pupils to be taught not to enter the workstation where the hacksaw is being used unless asked to do so by an adult. • Sawdust/waste materials to be cleaned up in a timely manner. • Hacksaws must not be used on expanded polystyrene
		<ul style="list-style-type: none"> • Children and staff to be read the risk assessment before using the round-ended scissors.

RISK ASSESSMENT PREPARED BY: Olivia Brown

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