

Risk-Benefit Assessment: Fire

Assessment Undertaken By: Kathryn Day (Headteacher)

Date: 03 January 2024

Assessment Approved By: Trevor Watson (Health and Safety Lead)

Date: 18 January 2024

Activity with Significant Hazard, Events and Consequences Identified	Benefits	Risk Level S x L = RR	L M H	List Groups of People Who Are Especially at Risk from the Hazards	Control Measures	Residual Risk Rating S x L = RR	L M H
<p>Fire lighting – burns and smoke inhalation.</p> <p>Adding fuel – burns and smoke inhalation.</p> <p>Falling into fire – serious burns.</p>	<ul style="list-style-type: none"> • Enjoyment, excitement, social times and collaboration for the purpose of food and drink preparation. • Understanding of the science behind fire including sustainability of materials and keeping the fire lit. • Putting the fire out, cleaning up and “leaving no trace” linking to environmental responsibility. • Learning risk management, responsibility for personal safety and that of others. • Develops self-confidence and risk awareness. • Observing properties of materials – changes in state, reversible and irreversible changes. 	<p>5 x 5 = 25</p>	<p>H</p>	<p>Children Staff Visitors to School</p>	<ul style="list-style-type: none"> • Refer to <i>Health and Safety Code of Practice – Fire</i>. • Fires will not be lit if there has been a long period of hot and dry weather and the Met Office's Fire Severity Index (FSI) is at level 2 or above. • Explain dangers of fire. • Demonstration and modelling of safe practices which are repeated every time fire is used. • High levels of supervision – fire never left unattended. • Clear boundaries around the fire and specific rules about movement around the fire – Fire Circle, Fire Safety Zone, The Dragon System (refer to <i>Health and Safety Code of Practice – Fire</i>). • Introduce fire triangle and methods to manage the fire (refer to <i>Health and Safety Code of Practice – Fire</i>) – Fire Bucket, Fire Blanket and Fire Gloves available. • Long hair tied back and no loose clothing. 	<p>5 x 2 = 10</p>	<p>M</p>



Successful Learners ~ Confident Individuals ~ Responsible Citizens



					<ul style="list-style-type: none"> • Respect position (kneeling on one knee) at all times close to the fire so that your body can move quickly away. • Long sleeves to cover skin and non-flammable clothing worn. • Teach “Stop, drop and roll” fire safety approach if clothes catch fire: <ul style="list-style-type: none"> ○ STOP whatever you are doing. ○ DROP to the floor and cover your face. ○ ROLL three times each way until the flames are extinguished. • Staff with appropriate first aid training always present and well-stocked first aid kit available. • Ensure fire bowls are stable before fires are lit and preferably on a base. • Advise children where to stand to avoid excessive smoke inhalation. 	
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SEVERITY	LIKELIHOOD	RISK RATING (S x L)	
1 = No injury or illness	1 = Very remote	14+	High
2 = First Aid injuries or illness	2 = Improbable		
3 = Minor injury or illness – up to 3 days away	3 = Possible	5 – 13	Medium
4 = 3+ days injury or illness	4 = Probable		
5 = Major injury or illness	5 = Likely	1 – 4	Low
6 = Fatal or disabling injury or illness	6 = Certainty		

Reviewed By	Review Date
Kathryn Day	12/10/2024