

# Meet The Flintstones

<b>1</b>	<b>Overall aims:</b> <ul style="list-style-type: none"> <li>• Explore the concept of friction</li> <li>• -Explore the concept of Iron reacting to oxygen</li> <li>• -Gain understanding of how humans discovered fire.</li> <li>• -Make predictions</li> <li>• -Enhance fine motor skills</li> <li>• -Develop fire safety skills</li> </ul>
<b>2</b>	<b>Vocabulary - keywords</b> Flint, strike, friction, Iron, Steel, sparks
<b>3</b>	<b>Sustainable abilities developed</b> <ul style="list-style-type: none"> <li>• Systems thinking</li> <li>• Anticipatory competency</li> <li>• Normative competency:</li> <li>• Strategic competency:</li> <li>• Collaboration</li> <li>• Critical thinking</li> <li>• Self-awareness</li> </ul>
<b>4</b>	<b>Pillars of sustainability included</b> <ul style="list-style-type: none"> <li>• Ecological</li> <li>• Social</li> </ul>
<b>5</b>	<b>STEAM domains</b> Science, Technology
<b>6</b>	<b>Teaching methodologies/activity outline</b> <p>The teacher talks to the children about our ancestors. Using digital resources, books, visuals, role play, the teacher helps the children imagine what life was like for our distant ancestors and the discovery of fire affected the way humans lived, developed and separated us from the animals.</p> <p>The teacher asks the children how they heat their homes, cook their food how they light candles on their birthday cakes.</p> <p>What did people do before they had matches and lighters?</p> <p>The teacher introduces a flint and shows the children how it works.</p>



	<p>"How does this flint create sparks?"</p> <p>"What are the sparks?"</p> <p>Using cues from the discussion, the teacher explains the e hard flint edge shaves off a particle of the steel that exposes iron, which reacts with oxygen from the atmosphere and creates sparks.</p> <p>Under supervision, the teacher invites the children to use the flint.</p>
<b>7</b>	<p><b>Expected learning outcomes</b></p> <p><b>The child will be able to:</b></p> <ul style="list-style-type: none"> <li>• -Handle the flint</li> <li>• -Explain it's purpose</li> <li>• -Explain how it creates sparks</li> <li>• Explain that human's discovered how to create and control fire millions of years ago</li> <li>•</li> </ul>
<b>8</b>	<p><b>Assessment</b></p> <p>Find "teachable moments" to talk about how the flint works and opportunities when it would be useful. Additionally, find teachable moments to discuss what human life would be like without the ability to create and control fire.</p>
<b>9</b>	<p><b>Equipment and materials to be used in learning unit (tools, ingredients etc)</b></p> <ul style="list-style-type: none"> <li>• a Flint</li> </ul>
<b>10</b>	<p><b>Kind of setting - lab, kitchen, outdoor etc.</b></p> <p>Outdoors</p>
<b>11</b>	<p><b>References - source:</b></p> <p><a href="https://time.com/5295907/discover-fire/">https://time.com/5295907/discover-fire/</a></p> <p><a href="https://www.youtube.com/watch?v=Zm0Yu-WI82o&amp;t=24s">https://www.youtube.com/watch?v=Zm0Yu-WI82o&amp;t=24s</a></p>

