

# WOODWORK – LEARNING OUTCOMES

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Woodwork.....

- Develops children sense of agency- that 'can-do' spirit
- encourages persistence
- captures and builds children's intrinsic motivation
- encourages a 'growth mindset'
- develops hand-eye coordination, fine and gross motor skills
- encourages perseverance with challenging tasks
- develops resilience
- builds on children's ability to self-regulate
- builds self-esteem
- provides a whole new set of skills and techniques
- builds self-confidence
- provides numerous opportunities for problem solving
- allows children opportunity to play - tinkering, exploring the possibilities of wood and tools
- allows children to express their imagination in a new medium
- draws in children's curiosity-engaging children
- encourages extended periods of focus and concentration
- allow children to experience risk in a controlled environment
- provides opportunity for authentic hands on learning, real tools, real wood, real problems and solutions
- elicits high levels of enjoyment and achievement
- provides a connection to a natural material enhancing well-being
- develops children sense of aesthetics
- allows children to experience making and repairing ( countering consuming disposing)
- leaves an embedded memory – kinaesthetic learning being recalled many years later
- provides multiple layer of learning wit opportunities to build on previous learning
- develops creative thinking
- develops critical thinking, analysing, synthesising

- provides opportunity for reflection and evaluations
- develops craft sense, understanding of the design process
- provides opportunities for collaboration, and working together
- encourages independence and decision making
- provides opportunity for open ended exploration, inquiry based learning
- facilitates creations of new neural pathways
- give children a feeling of responsibility- by being trusted to use real tools
- provides opportunities for children to try new experiences
- develops empathy and seeing thing from others perspectives
- encourages self-care and awareness of others
- develops children's executive functions
- promotes language and new vocabulary
- learning through observation
- develops mathematical thinking, and mathematical vocabulary
- develops scientific understanding through experiencing tools and processes
- provides a 'material' for investigation, burns, floats, strength etc.
- develops future life skills for work, leisure and home repairs
- develops children technological understanding
- develops a 'maker mentality'
- develops meta-cognitive thinking as children reflect, evaluate and collaborate
- provides opportunity to experience cause and effect
- provides opportunity to make links between different areas of leaning
- provides opportunity to develop mark-making, drawing/writing ( design ideas, on wood)
- can engage children through literacy through numerous books about wood
- engages children who often find it hard to focus
- provides an opportunity to counter stereotyped roles
- provide opportunity to repeat schematic behaviour /observe children's schemas
- makes learning irresistible and develops passion for learning
- develops strong sense of self-efficacy – belief in their ability to succeed
- develops a disposition to recover quickly from set-backs and disappointments
- provides children with a truly cross- curricular activity embracing all areas of learning
- develops children's interest to exploring further being a multi-layer learning experience
- promotes children's well-being through absorption in the state of creative 'flow'