

Niagara

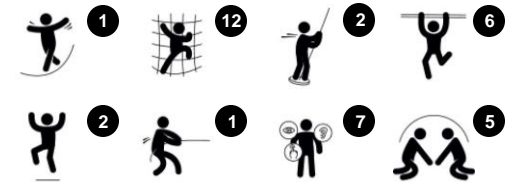
NAT527



Item no. NAT527-0901

General Product Information

Dimensions LxWxH	452x644x312 cm
Age group	6+
Play capacity (users)	13
Colour options	



With its multiple thrilling climbs, the Niagara hugely attracts world explorers among school age children. The variety of challenging climbs and crawls via nets, poles, ladders and tilted floors will make children return for more play again and again. The varied ways up and down Stimulate children's balance and cross-coordination, and the proprioception: The

inclined, straight, swaying and firm climbs provide fun challenges for dare devils as well as more cautious explorers. The motor skills trained are important for children's physical confidence and their security in moving, for instance in the street. The senses of balance and space are trained whizzing down the banister bars. These skills are fundamental for

all other physical skills. The platform and net are nice meeting points for socializing with friends, planning new climbs.



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Highly durable FSC® Certified (FSC® C004450) hardwood from sustainable sources. The hardwood has a density of app. 1.050 kg/m³ and is located in durability class 1. It has an expected lifetime in outdoor environment without any preservation of 25-50 years depending on local locations.



Panels of 19mm EcoCore™. EcoCore™ is a highly durable, eco friendly material, which is not only recyclable after use, but also consists of a core produced from 100% recycled material.



The stainless-steel activities are made of high-quality stainless steel. The steel is cleaned by a total pickling process after manufacturing to ensure a smooth and clean gliding surfaces.



Nets and ropes are made of UV-stabilised PA with inner steel cable reinforcement. The rope is induction treated in order to create a strong connection between steel and rope which leads to good wear resistance.



The steel surfaces are hot dip galvanised inside and outside with lead free zinc. The galvanisation has excellent corrosion resistance in outside environments and requires low maintenance.

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Installation Information	
Max. fall height	267 cm
Safety surfacing area	49,4 m ²
Numbers of installers (persons)	2
Total installation time	16.0
Excavation volume	2,23 m ³
Concrete volume	0,36 m ³
Footing depth (standard)	94 cm
Shipment weight	579 kg
Anchoring options	In-ground ✓ Surface ✓
Warranty Information	
Hardwood	10 years
EcoCore HDPE	Lifetime
Stainless steel components	10 years
Ropes & nets	5 years
Spare parts guaranteed	10 years

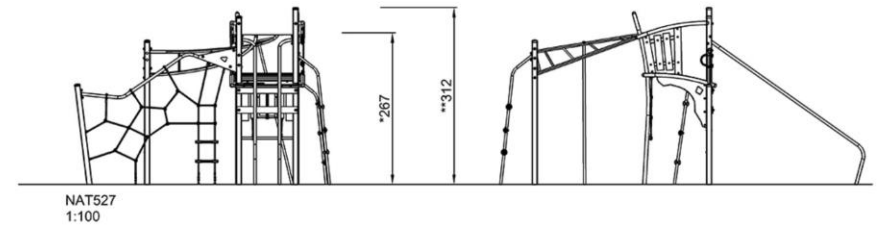
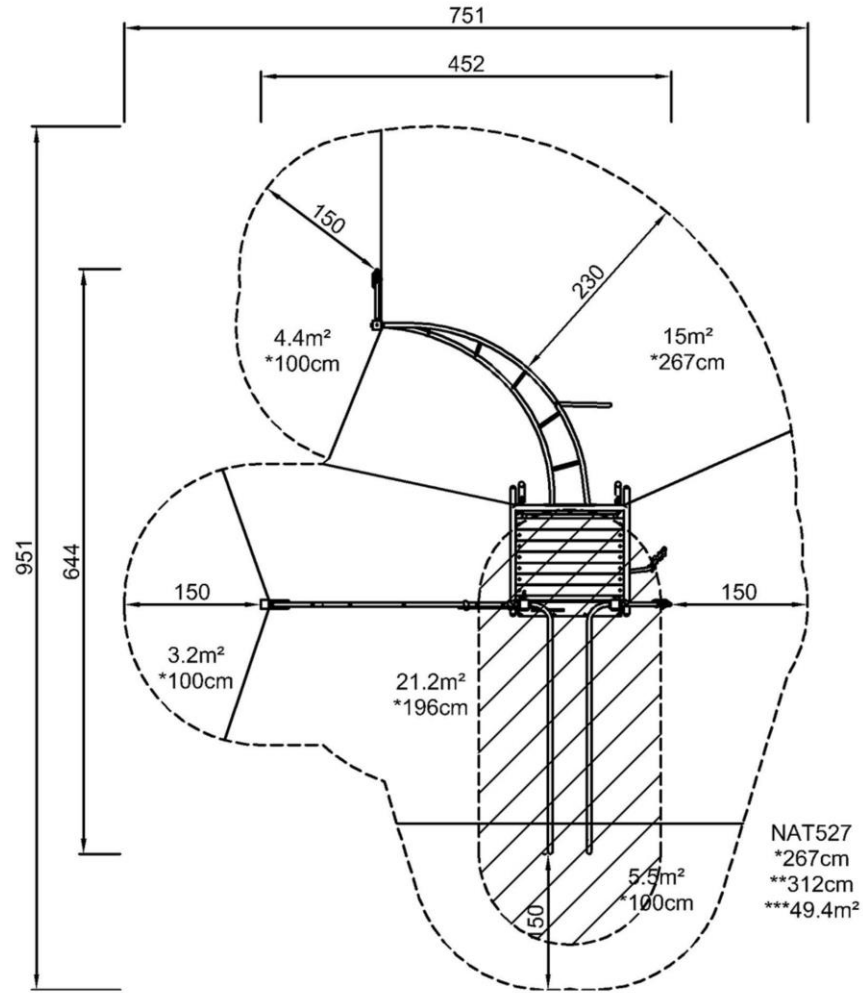


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* Max fall height | ** Total height | *** Safety surfacing area

* Max fall height | ** Total height



[Click to see 1:100 ratio TOP VIEW](#)

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Climbing net

Physical: children develop cross-body coordination and muscle strength. The asymmetry of the net challenges the children's climbing.

Social-Emotional: the big meshes allow for more children seated together, sharing.



Overhead ladder

Physical: develops children's upper body muscles and arm strength, cross coordination and spatial awareness. This is especially important due to sedentary lifestyles and back-pain in children.

Social-Emotional: chill and socialize on top of the overhead ladder, training cooperation.



Fireman's pole

Physical: coordination is supported when going down, as well as arm and core muscles. Landing strengthens bone density, which is built for life in early childhood.

Social-Emotional: turn-taking and risk-taking.

Cognitive: young children develop their understanding of space, speed and distances when gliding down fast.



Bannister bars

Physical: balance, spatial awareness and coordination are developed when going down, as well as arm, leg and core muscles when holding tight. Landing strengthens bone density, which is built for life in early childhood.

Social-Emotional: turn-taking and risk-taking.



Climbing pole

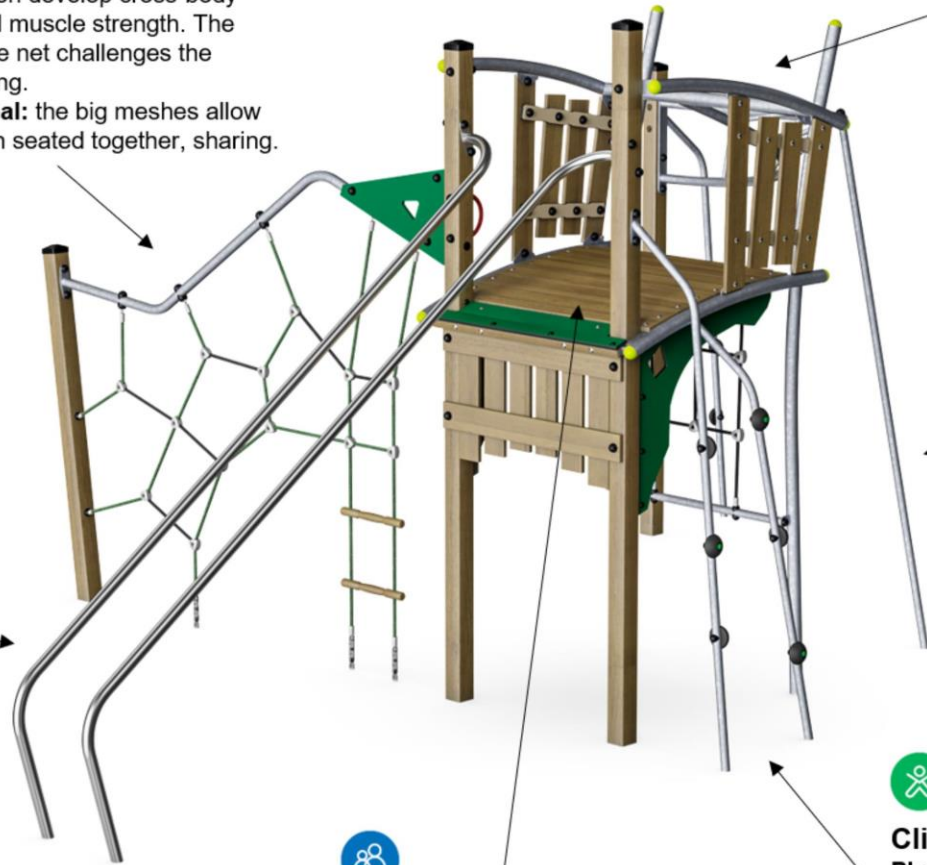
Physical: develops children's cross coordination, eye-hand coordination and muscle strength when climbing up or down.

Social-Emotional: turn-taking and self-regulation are trained, both important life skills.



Platform

Social-Emotional: the platform allows for more children to be together and share. Important life skills like courage, self-confidence, consideration and turn-taking are built.



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PHYSICAL
Joy of movement:
motor skills, muscle, cardio
and bone density



SOCIAL-EMOTIONAL
Joy of being together:
teamwork, tolerance and
sense of belonging



COGNITIVE
Joy of learning:
curiosity, understanding of causal
relationships and knowledge of the world



CREATIVE
Joy of creating:
co-creation and experimenting
with materials



BALANCE
To balance is to stay upright when walking or standing on a surface that makes this challenging (e.g. a wobbly, inclined, or narrow surface).



HANG IN ARMS
To hang in arms is the act of carrying the body with the hands or arms, possibly to traverse to another platform or play item.



SENSORY
To sense is the act of taking in information with the sensory system: seeing, feeling, hearing or sensing with the body.



BOUNCE
To bounce is the act of bouncing on a responsive, flexible, elastic or tensile surface.



JUMP
To jump is the act of jumping up or down on a hard surface.



SLIDE
To slide is the act of moving fast downwards seated on a slide.



CLIMB
To climb is the act of moving upwards, cross-coordinating arms and legs, on a vertical or inclined surface or net.



PULL
To pull is the act of pulling an item towards you or you towards an item with one or both hands, or possibly using the entire body.



SOCIALIZE
To socialize is the act of meeting, communicating or cooperating in an activity that stimulates and facilitates social interaction.



CONSTRUCT
To construct is the act of creating new patterns, shifting items or materials to new positions or constructing with materials that can be transformed or manipulated.



PUSH
To push is the act of pushing an item away from you with one or both hands, possibly with the entire body.



SPIN
To spin involves a fast, repeated horizontal or vertical turn of the body on a piece of equipment that facilitates the movement.



CRAWL
To crawl is the movement of moving forwards or backwards, cross-coordinating arms and legs, on a horizontal or slightly inclined surface.



ROCK
To rock is the action of rocking back and forth, or sideways, on e.g. a piece of spring equipment.



SWAY
To sway is the movement of swaying back and forth, or around, lying, seated or possibly standing, in a pendulant or circular movement, e.g. on a hammock or on a rope.



DRAMATIC PLAY
Dramatic play is motivated through play items that stage a frame, place or environment for acting out make believe or role play scenarios.



ROTATE
To rotate involves a vertical or horizontal slower paced turn of the body, facilitated by a piece of equipment.



SWING
To swing is the movement of swinging back and forth, or in circular movement, seated, standing or lying, in an unhindered arc.



GLIDE
To glide is the act of moving from one point to another without shifting the feet, in a horizontal or vertical movement, in a seated, lying or standing position, letting gravity do the work.



RULES PLAY
Rules play is motivated through play items that suggest games-with-rules, cooperation and team work, e.g. tic-tac-toe, timers or ball games.



WONDER
To wonder is motivated through play items that make children need and use their logical, abstract or creative thinking skills, as well as their memory.