

# Adventure Developments



PRODUCT INFORMATION



**CONTENTS**

**Why Choose Adventure Developments..... 3**  
 Quality Statement..... 4

**Activity Towers**  
 4 pole Activity Tower..... 5

**High ropes courses**  
 Adventurer Trail..... 6-7  
 Team Adventurer Trail..... 8  
 2 Pole High Ropes Course..... 9

**Low Ropes courses**  
 Hexagonal Team Challenge..... 10

**Stand alone elements**  
 Free Fall Simulator..... 11  
 Giant Swing..... 12  
 Leap Of Faith..... 13

**Zip Lines / Flying Foxes**  
 Zip Line Tour..... 14

**Custom Work..... 15**

## WHY CHOOSE ADVENTURE DEVELOPMENTS

AD is firmly established in Australia as a respected ropes course company. We believe that our success can be attributed to three main factors.

### QUALITY

A.D. consistently delivers the highest quality product in our field. We use the highest quality materials. Pay permanent staff competitive salaries to retain the best team of builders. We have industry leading quality control systems in place which guarantee safety and integrity.

### EVOLUTION

In response to our clients needs A.D. is constantly innovating new products and improving existing ones . This gives us a technical advantage over our competitors, which ensures we are at the cutting edge of design. This ensures that A.D.'s clients get the highest quality new activities before their competitors.

### REPUTATION

The majority of our clients have discovered A.D. through word of mouth, We are often told that our products and services have exceeded expectations, and if we get it wrong we will keep working until our client is 100% satisfied. This enables our clients to meet their customers needs while developing their businesses.



***“From the initial contact to the design process through to the construction - the whole process was easy. No question was too difficult for Adventure Developments and whenever the team were onsite they were always friendly and professional. The team ensured that our final product was within our spending limit and we could not have asked for a better finished product. The activities that they installed far exceeded our expectations and we have had numerous happy campers utilising all of our activities many times over”***

***Lisa Marmora  
Centre Manager  
Baden Powell Scout Centre, Sydney.***

## QUALITY STATEMENT

AD is very active building new adventure courses, we buy a lot of equipment, this means we can benefit from the most competitive prices from our suppliers.

Price is always a priority.

AD recognises that our initial costs are sometimes higher than our competitors. Here are some ways we are spending more to make significantly higher quality product than our competitors

### Design Quality

We invest heavily in design and engineering to make our products as maintenance free as possible. This saves you in the medium and long term. Our aim is minimising your down time, and maximising the lifespan of your apparatus.

Our design and engineering process means that our structures pass through planning stages, and guarantee that your investment retains an inherent value if you ever sell to a third party.

### High Quality Materials

We require rigorous quality control systems from all of our suppliers, we archive certificates of conformity for all components used in the creation of your course.

We import a wide range of materials not commonly available domestically, ranging from playground grade components, safety systems and specialised harnesses designed for ropes course users.

### Investment in People

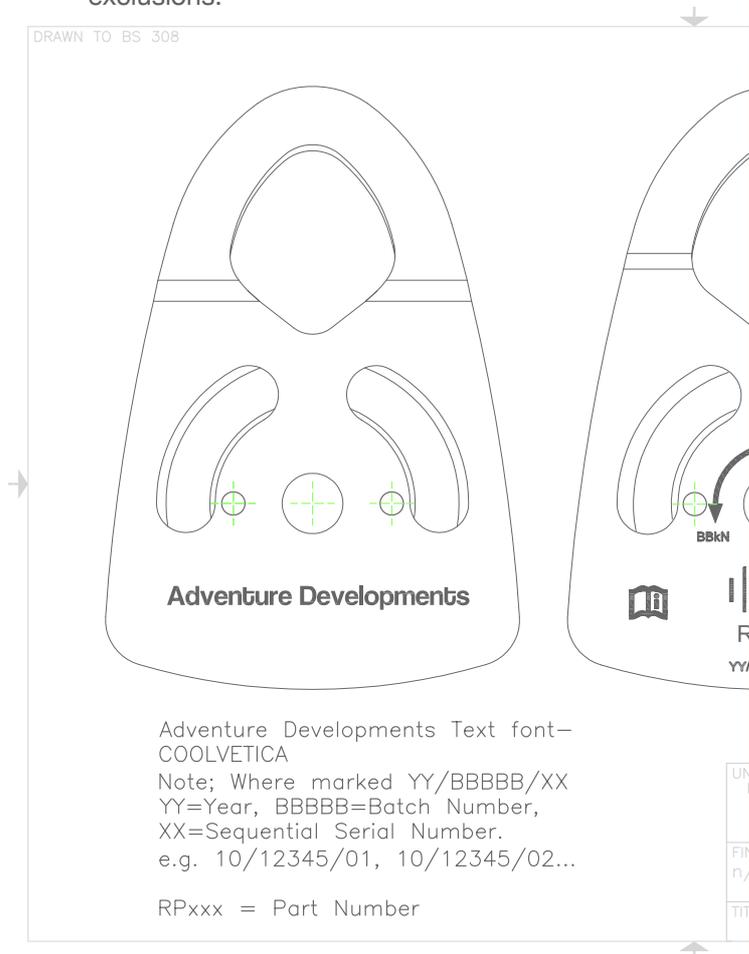
AD pays competitive wages to Australian employees and contractors, we invest in their training and development, they reward us by staying with us longer and by providing our clients with the highest quality of workmanship. None of our products can be mass produced, as we are usually working with wood, they require the craftmans skill to build them well.

### Investment in Equipment

AD can perform destructive tests on a 25 ton test bed, in our own facility. This means we can provide testing facilities for clients, and superior quality control throughout our systems.

We have a 100 ton hydraulic ferrule press which can terminate wire rope safely, neatly and to consistent quality standards, this means we don't need to use other methods to terminate our ropes which rely heavily on installer ability, and can come loose.

We own tools to test the integrity of trees and timber poles, and load testing apparatus for use in the field, this means that AD inspectors have more hard evidence and rely less on assumptions and exclusions.



# ACTIVITY TOWERS

## “4 Sided Activity Tower”

### What is it?

Our activity towers are in use as climbing walls, abseiling towers, viewing platforms & start platforms for zip lines, ropes courses, fan descenders.

They offer great operational efficiency, and aesthetic appeal.

### OPTIONS:

- Overhangs
- Lead climbing bolts
- Colour bond roof
- Auto belay devices
- Inclined faces
- Spiral Stairs
- Zip Line egress
- Above ground pole mounting
- Stainless steel T nuts and bolts
- Fan descender egress
- Safety sheets to prevent unauthorised access
- High ropes activities
- Mid level abseil access



*4 sided tower with an inclined climbing wall*



*4 sided tower with 2 zip lines to exit*

### STANDARD PRODUCT FEATURES:

- 10 Year warranty on our workmanship.
- Final inspection and proof loading.
- Maintenance manual.
- Handover training at your site.
- Inspection after 1st year of operation is included.

### SPECIFICATIONS:

- Space required:** 9.5 x 9.5 Meters
- Height:** Top deck is typically 10 meters
- Lead Time:** 4-16 weeks
- Build Time:** 10-20 days
- Price Range:** \$100,000 - \$220,000
- Number of operators required:** 1 per activity

### EXTRAS:

- Harnesses and participants equipment.
- Rescue Packs.
- Soft fall / ground cover.
- Team Belay Posts.
- Removable staples to limit access.
- Briefing shelters.

# HIGH ROPES COURSES

## “Adventurer Trail”

### What is it?

An exciting journey based course, which we can adapt in many ways to suit your objectives.

Participants are safely secured to a continuous or semi continuous belay system throughout their journey from start to finish.

Participants begin at a start station where they are attached to the safety system, they then make their way through the course to the finish. (If the course is not a “closed loop” it will almost always end with an exhilarating zip line or a fan descender descent)

*“Whether you want an extensive adventure park in trees or on poles, or a series of bridges weaving through the roof structure of a building. The Adventurer course can be customised to do it all”*

### Fully Customisable

Although we do have a number of designs on file, the layout is almost always customised to maximise the space available and features of your site.

Our blending of tension guys and compression braces gives us a lot of flexibility with the layout of the course, and there is no limit to the height we can go with steel

### OPTIONS:

#### Support structure

- Steel poles
- Attached to an existing building / structure
- Timber poles
- Trees

#### Belay Type

- Fully continuous system of wire rope.
- Fully continuous system of steel rail
- Smart Self belay
- \*See below for the pros and cons for each type of system\*

#### Layout Options

- Journey style, made to best fit the landscape and topography. (Usually end with a zip line or free fall descender).
- Closed loops, Equilateral triangles and hexagons. (Usually start and finish at a tower or high platform).



An “Adventurer Trail” built on poles, using a fully continuous belay system of wire rope.



The “Giants Zip” element built in trees on an Adventurer course.

BELAY	PROS	CONS
<i>Fully Continuous system of Wire Rope</i>	<ul style="list-style-type: none"> <li>•Good outdoors.</li> <li>•Can go between trees.</li> <li>•Excellent throughput capacity.</li> </ul>	<ul style="list-style-type: none"> <li>•Only allows 1 participant on an element at a time.</li> </ul>
<i>Fully Continuous system of Steel Rail</i>	<ul style="list-style-type: none"> <li>•The most durable System for extreme throughput courses (more than 500 users per day 365 days per year).</li> <li>•There is less distance to fall with the rail system and therefore less impact on the body</li> <li>•Very smooth gliding action,</li> <li>•Can be designed to have many participants on 1 element,.</li> </ul>	<ul style="list-style-type: none"> <li>•Cant be used in trees, as the trees need to move in the wind.</li> <li>•Usually slightly more expensive due to fabrication costs.</li> </ul>
<i>Smart self belay</i>	<ul style="list-style-type: none"> <li>•Most cost effective system</li> <li>•Most flexible in terms of height changes and splitting the route</li> <li>•Most flexible in terms of phased developments</li> </ul>	<ul style="list-style-type: none"> <li>•Requires slightly more explanation for participants.</li> <li>•Throughput usually takes longer than a fully continuous system</li> </ul>



The "Swinging logs" element built in trees near Sydney.

#### STANDARD PRODUCT FEATURES:

- 10 Year warranty on our workmanship.
- Final inspection and proof loading.
- Maintenance manual.
- Handover training at your site.
- Inspection after 1st year of operation is included.
- Innovative and durable elements.

#### SPECIFICATIONS:

- Space required:** Varies by design
- Height of participants feet:** 3.5-20 + Meters
- Lead Time:** 4-16 weeks
- Build Time:** Varies by design, approx. 2 days per element
- Price Range:** From \$50,000
- Through put:** Varies upto 500 per day.
- Number of operators required:** Varies by design

#### EXTRAS:

- Harnesses and participants equipment.
- Rescue Packs.
- Soft fall / ground cover.
- Removable staples to limit access.
- Soft fall / ground cover.
- Briefing shelters.

# HIGH ROPES COURSES

## “Team Adventurer Trail”

### What is it?

This style of course was originally developed for one of our clients, it has been especially successful.

As is the case for many venues in Australia, this particular client usually ran group sizes of 15-20 participants, and wanted a high ropes course with lots of team activity and involvement.

Getting lots of kids up on the elements at the same time has been done before, it is usually expensive as there needs to be multiple belay systems or additional group management.

We conceived a series of elements that must be operated by a team of people on the ground, they all have ropes hanging to the ground which the team must use to position/ stabilise/ lift part of the elements into position for the person at height to cross successfully.



Negotiating the “Lilly Pads” element



A group of instructors using the “Trap Doors” Element for the first time.

### ELEMENTS:

**Lilly Pads:** requires 4-16 groundies

**Trap Doors:** requires 4-8 groundies

**Magic Clouds:** requires 2-4 groundies

**Topsy Turvy Bridge:** requires 4-8 groundies

**Canary Swings:** requires 4-10 groundies

### STANDARD PRODUCT FEATURES:

- 10 Year warranty on our workmanship.
- Final inspection and proof loading.
- Maintenance manual.
- Handover training at your site.
- Inspection after 1st year of operation is included.
- Innovative and durable elements.

### SPECIFICATIONS:

**Space required:** Varies by design

**Height of participants feet:** 4-10 Meters

**Lead Time:** 4-16 weeks

**Build Time:** Varies by design, approx. 2 days per element

**Price Range:** \$50,000 - \$300,000

**Number of operators required:** Usually 2

### EXTRAS:

- Harnesses and participants equipment.
- Rescue Packs.
- Soft fall / ground cover.
- Team Belay Posts.
- Removable staples to limit access.
- Briefing shelters.

# HIGH ROPES COURSES

## "2 Pole High Ropes Course"

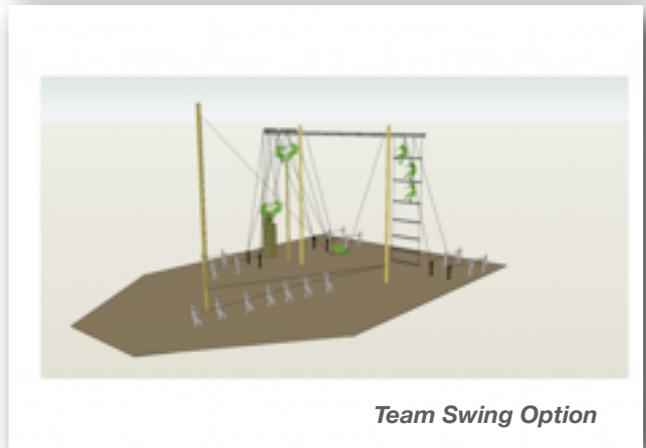
### What is it?

Our "2 Pole Ropes Course" offers exceptional value for money, you can pack up to 10 activities onto just 2 poles, and can cater for upto 3 groups at a time.

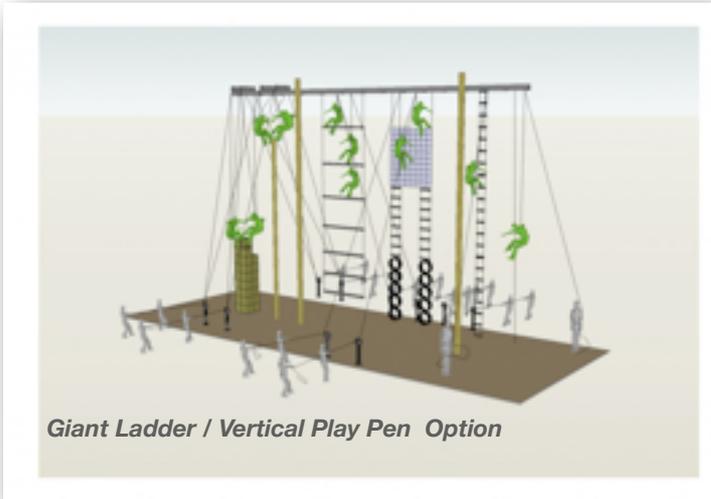
Best for outdoor education centers or schools it can fit on the terraced areas of steep hills or can be suspended inside a roof or gymnasium.



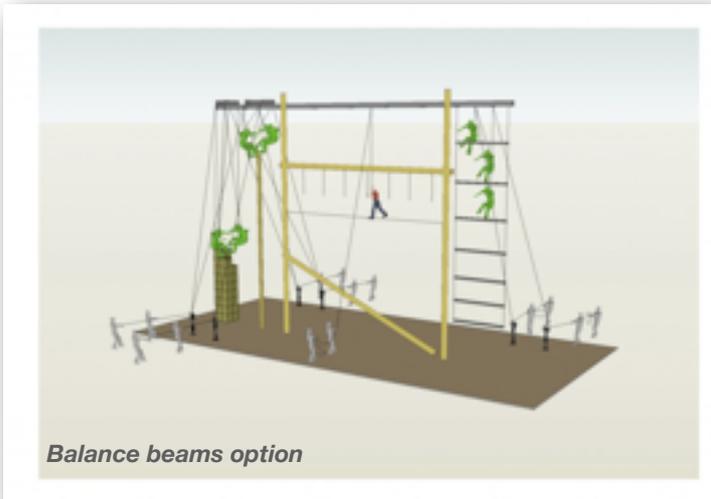
*Climbing Wall option*



*Team Swing Option*



*Giant Ladder / Vertical Play Pen Option*



*Balance beams option*

### STANDARD PRODUCT FEATURES:

- 10 Year warranty on our workmanship.
- Final inspection and proof loading.
- Maintenance manual.
- Handover training at your site.
- Inspection after 1st year of operation is included.

### SPECIFICATIONS:

- Space required:** 22 meters x 6 meters
- Height:** 13 Meters
- Lead Time:** 4-16 weeks
- Build Time:** 6-10 days
- Price Range:** \$50,000 - \$80,000

### EXTRAS:

- Harnesses and participants equipment.
- Rescue Packs.
- Soft fall / ground cover.
- Briefing shelters.
- Team Belay Posts.
- Removable staples to limit access.



# LOW ROPES COURSES

## “Team Challenge Hexagon”

### What is it?

The Low Ropes hexagon is made up of 6 vertical poles, with a stabilising frame around the top. Its a unique structure which looks great, while providing a perfect amount of space for groups to try low ropes activities.



*The team hexagon with a criss cross as the central element*



*Team Hexagon with a rope swing central element.*

### STANDARD PRODUCT FEATURES:

- 10 Year warranty on our workmanship.
- Final inspection and proof loading.
- Maintenance manual.
- Handover training at your site.
- Inspection after 1st year of operation is included.

### SPECIFICATIONS:

**Space required:** 14 x 14 meters  
**Height:** 4.5 - 9 meters  
**Lead Time:** 4-16 weeks  
**Build Time:** 5-10 days  
**Price Range:** \$35,000 - \$50,000  
**Number of operators required:** 1

### EXTRAS:

- Soft fall / ground cover.
- Briefing shelters.
- A whole range of Initiative challenges.

### OPTIONS:

#### Layout

Rope swing or criss cross frame.

#### Elements

Choose from over 20 tried and tested low ropes elements

# HIGH ROPES COURSES

## STAND ALONE ELEMENTS “Free Fall Simulator”



*Definitely on of our most exciting elements !!, And a real crowd pleaser.*

### What is it?

The highly engineered POWERFAN® is the result of years of innovation and continuous improvement, it allows participants a breath-taking freefall drop and then slows the descent rate to allow an amazingly gentle landing.

POWERFAN® can be used from almost anything high! Notably: Existing adventure structures like Ropes Courses and Climbing Towers, Trees, Buildings, Stand-alone Poles, Cliffs, Caves, Bridges, Cable Cars and Cranes. Participants generally step from an elevated platform of some description in order to begin their descent.

### STANDARD PRODUCT FEATURES:

- 10 Year warranty on our workmanship.
- Final inspection and proof loading.
- Maintenance manual.
- Handover training at your site.
- Inspection after 1st year of operation is included.

### SPECIFICATIONS:

- Space required: 4 meters x 4 meters.
- Height of jumpers feet : 13/20/30 meters
- Lead Time: 4-16 weeks
- Build Time: 2-3 days
- Through put: 30 per hour
- Price Range: \$20,000- \$75,000
- Number of operators required: 1

### EXTRAS:

- Removable staples to limit access.
- Harnesses and participants equipment.
- Rescue Packs.
- Soft fall / ground cover.
- Briefing shelters.



# HIGH ROPES COURSES

## STAND ALONE ELEMENTS

### "3 Person Swing / Canyon Swing"

#### **3 person giant swing.**

Up to 3 participants are attached securely into a spreader bar, then they are hoisted back. Then participants can "pull the pin" at any time which releases the quick release and sets them swinging.

#### **Canyon Swing.**

1 participant climbs to gain a platform, here an instructor attaches them to the swing. A small sideways jump is all that is needed now to begin an exhilarating swing.

#### **Cant decide, have both!**

Then we can rig your swing with a movable platform which allows you to offer the team swing or the canyon swing.



*3 Person giant swing, ready to go.*



*The 3 person swing can be used by 1 or 2 or 3 people simultaneously*

#### **STANDARD PRODUCT FEATURES:**

- 10 Year warranty on our workmanship.
- Final inspection and proof loading.
- Maintenance manual.
- Handover training at your site.
- Inspection after 1st year of operation is included.

#### **SPECIFICATIONS:**

- Space required:** 8 x 25 meters
- Height:** 12 - 24 meters
- Lead Time:** 4-16 weeks
- Build Time:** 3-8 days
- Through put:** 15 - 30 per hour
- Price Range:** \$35,000 - \$80,000
- Number of operators required:** 1

#### **EXTRAS:**

- Harnesses and participants equipment.
- Rescue Packs.
- Hydraulic dismount stage.
- Electric winch.
- Removable staples to limit access.
- Soft fall / ground cover.
- Briefing shelters.



# HIGH ROPES COURSES

## STAND ALONE ELEMENTS

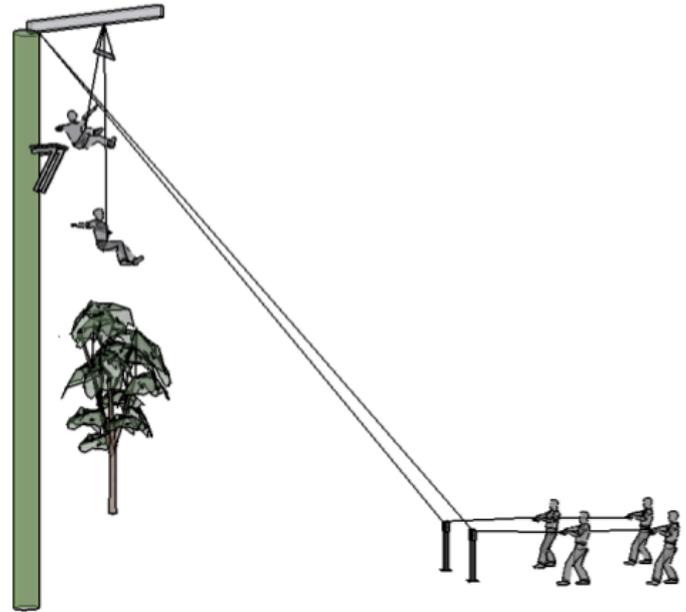
### “Leap Of Faith”

#### What is it?

The Leap of faith is a tried and tested favorite at outdoor education centers and school camps.

Our version is attached to a single pole making it extremely economical in cost, and space required. It is extremely durable and suitable for very high user numbers.

Whats more you can have 2 people leaping at the same time.



*Stand Alone Leap of Faith*



*A Stand alone Leap of faith set among trees, with 2 team belay posts.*

#### STANDARD PRODUCT FEATURES:

- 10 Year warranty on our workmanship.
- Final inspection and proof loading.
- Maintenance manual.
- Handover training at your site.
- Inspection after 1st year of operation is included.

#### SPECIFICATIONS:

- Space required: 3 meters x 5 meters.
- Height of jumpers feet : 5 - 11 meters
- Lead Time: 4-16 weeks
- Build Time: 2-3 days
- Through put: 12 per hour
- Price Range: \$15,000 - \$30,000
- Number of operators required: 1

#### EXTRAS:

- Team Belay Posts.
- Removable staples to limit access.
- Harnesses and participants equipment.
- Rescue Packs.
- Soft fall / ground cover.
- Briefing shelters.



# ZIP LINES / FLYING FOXES

## “Zip Lines & Zip Line Tours”

### What is it?

We offer a range of different styles of zip lines

- Hi Tension and Hi Speed Zip lines.
- Traditional Zip lines for education centers.
- Zip Line Tours.
- Playground Zip Lines, suitable for unsupervised use.
- DIY Zip line kits. For home or group use.

### OPTIONS:

#### Braking style:

Passive or Active brakes

#### Dismount style:

Running stop, Abseil dismount, Ladder / Hydraulic Dismount platform.

#### Support Structures:

Trees, Poles, Towers, Mass anchors.



Coming into land on a zip line tour

### STANDARD PRODUCT FEATURES:

- 10 Year warranty on our workmanship.
- Final inspection and proof loading.
- Maintenance manual.
- Handover training at your site.
- Inspection after 1st year of operation is included.

### SPECIFICATIONS:

- Space required:** 1.5 meters each side of the wire.
- Height:** 0.5 - 50+ meters
- Lead Time:** 4-16 weeks
- Build Time:** 2-20 days
- Through put:** 15-60 per hour
- Price Range:** \$500 - \$500,000
- Number of operators required:** 2

### EXTRAS:

- Auto brakes.
- Ground landings.
- Hydraulic dismount stage.
- Removable staples to limit access.
- Harnesses and participants equipment.
- Rescue Packs.
- Soft fall / ground cover.
- Briefing shelters.



A Zip line at a outdoor Education camp



# CUSTOM WORK

## What is it?

Most of our products are based on an adaption of one of our standard products, we prefer this because the research, development and engineering costs associated with delivering a totally new product can be minimised.

If you have a burning new idea for an activity we can help you to bring your ideas to life in line with industry best practice, wherever you are.



## WHAT WE CAN OFFER:

- Adventure courses.
- Climbing structures.
- Tree houses.
- Elevated viewing platforms & Walkways.
- Suspension bridges.
- Cubbys / Retreats.
- Themed play spaces.

## OUR SKILLS:

- Proven capacity do deliver on time and to budget.
- Structural engineering.
- Professional experienced builders.
- Specialised fabrication / building / testing tools.

