

## Case Study

### West End Primary School - Elgin



#### West End Primary School Playground, Elgin

**Budget: £30,000**

**The PTA and staff at West End Primary School were looking to develop the outdoor play areas to offer something for children of all ages and abilities.**

The brief was to develop two areas with products that offered a large variety of play value and interest. Furthermore, the clients were looking to develop the existing agility trail to offer a product that would physically challenge the older children.

#### **Caledonia Play installed the following:**

##### **Twin Activity Tower**

Main structure: a large twin activity tower. The design is configured with additional access points thereby making it a more interesting and challenging structure and an asset to the school.

The basic unit is made up with 2 towers, one with a roof and the second open and each tower has a lower deck.

Standard tower 1.2 x 1.2 x 1.45m deck high, timber legs are fitted with metal extension legs therefore, the base step is approximately 40cm off the ground.

Using slow grown, dense timbers from sustainable managed sources, which carry FSC or PEFC chain of custody certification, Caledonia Play products meet European safety standard BS EN 1176.

##### **Interconnecting Bridges**

Arch Bridge  
Barrel Tunnel

##### **Access and Exit Points**

Steps  
Climbing Ramp with pull rope  
Scramble Net  
3.0m Fibreglass Slide

The Activity Tower is suitable for children between 5-14 years.





### Monkey Bar Rings

Positioned in amongst the agility area the Monkey Bar Rings are a set of stainless steel grip rings secured to a 14cm diameter machine rounded timber. The timber is supported by twin quarter sawn timbers that have heat sealed bitumen sleeves fitted at ground level to prevent moisture penetrating the timbers. Access is via a stepping log column secured to the base of the legs. The timbers are concreted into the ground and the rubber surface was repaired with new rubber.

The Monkey Bar Rings help develop upper body strength and offer a fun challenge for older children.

### Traversing Wall

A large traversing wall is positioned parallel to the perimeter wall. Timber posts (10 x 10cm) with heat sealed bitumen sleeves fitted at ground level and concreted into position support the panels which have the multi coloured rock grips mounted on them.

The foot rock grips are positioned 35 - 55cm above ground with the hand grips approximately 1.2 - 1.5m above the foot grips, 5-6 grips per meter. The structure is finished with a side cover boards and a top weather cap to hide the open grain and restrict moisture ingress.

The traversing wall has been designed so that young people can only traverse along the wall and not climb up and over.



### Sandpit

A quality timber sandpit 1.25 x 1.25m was supplied to the nursery play area.

This is a commercial version of our classic sandpit strengthened to withstand heavier use.

This product has been designed so that the lid folds back to form two benches and a unique lining allows water to drain through it and the sand to dry out. This prevents water logging and puddles forming. The rain cover will preserve the timber for a more extended period.

### Safety Surfacing

Wetpour rubber surfacing was installed.

### The Result

A complete range of outdoor equipment has now been installed offering a wide range of play experiences for young people of all ages and abilities.

