

# EXPLORER CONSTRUCTION



To achieve the Explorer Construction Target, the Scout must complete all of the requirements for No's 1 to 4.

## 1. Planning

Sketch and explain how you, along with your Patrol, would go about constructing:

- a) a monkey suspension bridge to span about seven metres
- b) a camp table or similarly complex equipment
- c) a braced foot bridge with handrails to span about three metres
- d) assist another Scout to pass the requirements at Pioneer level for Planning.

## 2. Equipment and safety

- a) Demonstrate how to:
  - i) care for and store ropes
  - ii) care for construction tools.
- b) Demonstrate a knowledge of how:
  - i) ropes and pulleys work
  - ii) they can be used to move heavy objects vertically and horizontally.
- c) Demonstrate the following:
  - i) trimming poles to length using a saw
  - ii) pointing wooden pegs using an axe or tomahawk.
  - iii) sharpening of an axe or tomahawk.

## 3. Knots

- a) Demonstrate the Explorer Campcraft knots and lashings.
- b) Learn and demonstrate
  - i) a double sheetbend
  - ii) a bowline on the bight.

## 4. Major projects

Take an active role in one of the following major projects:

- a) braced footbridge at least 3m long
- b) monkey suspension bridge spanning at least 7m
- c) camp table or similar complex piece of camping equipment
- d) tower with a platform approximately 3m above the ground
- e) ballista / catapult capable of propelling a projectile at least 10m
- f) swing bridge suitable of carrying each Patrol member across a gap of at least 3m
- g) another project of equivalent safety or difficulty approved by Troop Council.