EXPLORER CONSTRUCTION

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