

Builder/Handyman

20 May 10:30

Duty six : Blue

Start	Time	Activity	Requirements	Instructions	Scouter
Builders make sure that the houses we live in are strong. They may also do repairs to existing houses or alterations.					
20 May 10:30	5	Activities : Opening	Register, beans, flag, totem and skin	Grand Howl Flag Break Register Inspection - belts and shoes	Akela
We had a very messy builder leave all his tools around the Scout grounds. Do you think you can find them all?					
20 May 10:35	10	Game : Find the Tools		Scatter a variety of tools (or pictures of tools) around the play area. Cubs to search for and bring back the tools and place on a prepared board/sheet of cardboard where the outline of the tools have been drawn. Once all the outlines have been filled, the game is done. End with a discussion on each tool and how to look after them (Repairs badge requirement to know any four tools). Use screwdriver, vice, hammer, wood plane, brace and bit, pliers, adjustable wrench, saw, g-clamp	Mor
Construction workers tend to work high up and need good balance. They also need to be able to safely throw equipment and bricks to each other					
20 May 10:45	10	Game : House Builders		balancing board per Six bean bag per Six Cubs line up in Sixes in relay formation. Each Six has a balancing board (roof tile) and a bean bag (brick). The Sixer stands at one end of the meeting place. At "go" the first Cub places the tile on his/her head and walks toward the Sixer. Halfway across, the Sixer throws the 'brick' to the Cub who attempts to catch it. If successful, the Cub continues on the way to the Sixer, hands the 'brick' over to the Sixer and then runs back to the Six with the tile in hand. The second Cub then has a turn and so on until each Cub in the Six has had a turn. If the Cub successfully catches the 'brick' he/she earns a point for the Six. The Sixer keeps tally of the score. If the Cub misses the catch, the Sixer should collect the 'brick' and the Cub should continue balancing as before. At the end of the game, the leader will award points to the Six for each catch.	Akela
How good is your memory? Can you build from a plan without having it in front of you all the time?					
20 May 10:55	35	Activities : Build that thing	lego pictures of structures/items to be built	Provide the Cubs with the pictures prepared. They need to look for a minute and then (in Sixes or smaller groups) need to try and recreate the picture from memory in lego. Structures can be easy or difficult as the Cubs can manage.	Akela
Builders are thirsty when they have been working hard					
20 May 11:30	5	Activities : Juice and biscuits		Juice and biscuit break	Mang
When builders build houses they need to work in teams in order to get the job done. Can you act as a team and pass things to each other under any circumstance?					

20 May 11:35	10	Game : Link pass		Divide the Cubs into two teams facing each other. They lock elbows with those next to them in their line. Place 10 'bricks' (pebbles) on the floor near the first player in each line. On a signal, those two Cubs each pick up a 'brick' and pass it to the next Cub in line, who passes it on. The players arms must remain linked throughout the game. If a Cub drops a 'brick', he/she must retrieve it without breaking the chain. The first player may start another 'brick' right away. The first team to pass the 10 pebbles to the end, wins.	Mor
You can do your good turn by helping fix some broken stuff for someone else					
20 May 11:45	20	Activities : Simple repairs	Various items requiring minor repair	Using glue, repair the item. Use clamps to hold together until glue dries (or other ways of holding together). Use toothpick to apply glue neatly.	Akela
Leaky taps waste water and are easy to fix if the problem is just a worn washer					
20 May 12:05	20	Activities : Repair a leaky tap	tap, shifting spanner, washer, cloth	<p>Before you get started</p> <p>If you are in any doubt about the technique for repairing a tap, it is best to seek professional help.</p> <p>To fix a leaking tap, first, you must safely turn off the water supply to that tap. This is easiest when isolation valves are situated close to the tap, on its supply pipes. With the valve design shown in this guide, if the slot of the screw is aligned with the pipe, then the valve is on. A quarter turn of the screw, so that the slot is running across the pipe, will turn the valve off.</p> <p>You can normally identify whether a tap uses rubber washers or ceramic discs by turning the tap handle. If it can only rotate a quarter or half a turn, it will normally be a ceramic disc type tap. If it rotates more than this, it will generally be a rubber washer type.</p> <p>Some single-lever operated mixer taps have a ceramic cartridge that is often very specific to a particular manufacturer.</p> <p>Replacements may need to be specially ordered.</p> <p>With ceramic disc taps, you replace the whole valve. With rubber washer taps, you only need to replace the small washer.</p> <p>Worn O-rings are a common cause of leakage on kitchen taps, but you may also find O-rings on the valve body in some taps. If you fix a washer and the tap is still leaking, check for other O-rings and seals on the valve body to see if they are worn.</p> <p>Protect rubber washers by taking care when turning taps off and on. Most become worn and need replacing because the tap has been overtightened when turning it off. A tap with a compression valve and rubber washers will always drip once or twice when you turn it off – it is not necessary to tighten and tighten again to avoid this. Allow these residual drips without feeling the need to tighten the tap more.</p>	Akela

Gain access to the tap body

1

Before working on a tap, turn off the water supply – easiest when isolation valves are located close to the tap. Run tap to remove water from the pipes.

2

To get the tap head off, you need to access the handle screw. This will often be hidden under a cap on the handle, which will be simple to unscrew.

3

Alternatively, the top cap of the tap may be flipped off using a slot-head screwdriver. Carefully push under the cap edge and ease off.

4

Another possibility may be to simply lift off the cap with your fingers. Tap designs vary, as do these access points. Some may even require an Allen key.

5

For single-lever taps, it is often necessary to flip off the hot and cold indicator tab with a slot-head screwdriver to reveal a tiny retaining screw. Be careful not to scratch the chrome finish of the tap.

6

Any parts that you take off, lay out in order for easy reassembly. This ceramic cartridge can be replaced with an adjustable spanner in a similar way to the ceramic disc valve replacement shown opposite.

Replace a rubber washer

1

Remove the handle cap if there is one, to expose the handle screw, and unscrew it to remove the handle.

2

Set aside the tap handle, along with the shroud if there is one, to reveal the tap valve underneath.

3

Use an adjustable spanner to unscrew the tap valve so that you can remove the valve from the tap seat.

4

Unscrew or flip off the washer and replace with another.

				Reverse the process to reassemble the tap.	
Congratulations on earning most of your Repairs badge. You need to paint/refurbish something at home and you can then get your badge					
20 May 12:25	5	Activities : Closing	Totem, Skin Badges, certificates	Announcements Badge handouts Grand Howl Flag Down Prayer Dismiss	Akela

Programme prepared on 09 May 00:22