

Read 'awl' about it

The Lockdown Newsletter from

The Cannock Chase Shed

Issue No. 31

Submissions and suggestions to Bob Mason at:

shednewsletter@virginmedia.com

week ending Sat 12th June 2021



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Shed News

Cannock Chase Shed Zoom Webchats

These are still taking place at **10.30 am each Monday**

Committee meetings are held on Tuesdays

(for committee members only)

If you'd like to drop in, please contact Barry (barrykjames@yahoo.com) who will help you to get set up, and send you an invitation to join the meeting.

Check our webpage...

...for information about our Shed, updates about reopening and back issues of the newsletter.

<https://cannockchaseshed.org.uk/>

We are on Facebook...

Remember we have a Facebook page, where you can chat with friends, exchange ideas or ask for advice, as well as sharing your projects.

If you are having trouble finding the bits you need for your project, why not post a request? Another member may have just what you're looking for sitting unused in their garage, or they may know where you can get one.

If you have useful items that you are loath to throw away, why not put up a post, offering them to other members, before consigning them to the tip?

Official Facebook page: Private Group

<https://www.facebook.com/groups/cannockchaseshedders>

Meet the Committee

Dave Shaw	Chairman
Leslie Jukes	Deputy chairman
Barry James	Health & Safety
Avril Green	Fundraising/Secretary
Graham Johnson	Treasurer
Tim Cutler	Project Manager

Shed Media

Peter Ross	Website/Facebook Group
Bob Mason	Newsletter

Could you...



- Sort through your photos and send me a picture and a few words? – your pet, garden, favourite holiday, your most useful tool, a current or past project, a cooking success (or disaster) or favourite recipe? – Pretty much anything you like.
- send me a suggestion of something you'd like to see included in the newsletter? – anything from just a broad idea, to a finished article.
- send in a 'reader's letter'? Share an anecdote or treasured memory? Share your expertise with those who have less experience?
- Send in something else, or help in another way that I haven't even mentioned?

Or if your shy pass it to one of the committee!!!

Notices

1. If anyone has changed their phone number or email address since first joining the Shed can they please send the new details to Graham at enquiries@cannockchaseshed.org.uk so he can update his records.

2. Diary Dates:

7th June - First day we get the keys to open the Shed – Committee only.

There is work to be done inside and out to prepare for full opening.

14th June -- Committee only*

21st June -- Committee only*

* Members are welcome to drop in between 10 – 4 for informal chats (outdoors only) under the usual Covid restrictions.

28th June – Hopefully open to Members. We're working on it. More details to follow.

3rd August – 10:30 Shed AGM (Provisional)

CCShed Membership status:

Following recent inquiries, members are advised that all memberships from 2020 remain active and are being automatically extended until such time as we can meet to arrange renewal subscriptions.

Interesting – from Avril

Morning Bob,

I have been hanging on to this for a while. I could not decide if it would be of interest to our members.

You decide.

Avril.

I thought you and your members might be interested in Gresham College's free public online lectures (since 1597) which you can watch both at the scheduled time and afterwards (online). You can [read more about Gresham College's free public lectures since 1597 here.](#)

Of general topical interest, as well as the straight history lectures coming up this year, we have a lecture by Professor Chris Whitty on the history of [Vaccination](#), and how it has transformed healthcare, and an [old series on epidemics](#) by the historian Professor Richard J Evans, that you may be interested in.

You can register for any lectures using an email address, and will get a reminder 10 minutes before the lecture is due to start.

History Series with lectures still to go in 2021 (you can watch the earlier ones online now)

A series on [Great Tudor and Stuart Houses](#) by the superb Simon Thurley - next one is [Private Palaces: Mansions of the Marlboroughs](#), 6pm, Tues 15 June 2021

Alec Ryrie on [England's Reformations](#) - this excellent series has been our top-rated lecture series so far this year (by views), next one [England's Anglican Reformation](#) 6pm, Weds 21 Apr 2021.

A series on [Darwin](#) by Jim Endersby (all complete now).

Joanna Bourke on [Evil Women](#) (cultural history - next one is on [Myra Hindley](#), 6pm, Thurs 13 May 2021
[The Politics of the Courtroom](#) by the writer and QC Thomas Grant looks at things like the state appointment of judges, and the 'political lawyer' from Apartheid South Africa to contemporary Britain.

You can see [everything History-related here.](#)

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www.gresham.ac.uk

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£5
OFF

when you download
the Co-op App,
sign up & spend £15*



Exclusions and T&Cs apply, see coop.co.uk/terms.
£1 membership join fee applies. Alcohol excluded. Valid in Co-op Group stores.

| 4 June 2021

Hi Avril Green - Secretary/Fundraiser Cannock Chase Shed,

We wanted to let you know about our latest Membership offer that could help boost funding for your local cause.

When a Member buys selected Co-op branded products and services, 1p from every pound they spend supports causes like you, through our Local Community Fund. The more members that select your cause and spend with Co-op, the more funding your project will receive.

But the great news is, when a new Member joins the Co-op using the [Co-op App](#) by Tuesday 15 June they will receive £5 off their shopping as a welcome*.

This is a great offer to help you promote your group and encourage Members to select you as their cause.

As well as supporting local communities, Co-op Members also receive exclusive Member deals from Food, Funeralcare, Insurance and Legal Services as well as personalised offers every week, chosen just for them.

With over 5 months left in this funding period, there's still plenty of time to continue to promote your cause and boost funding. Check out our [promotional guide](#) for further ideas

You can find out more about Co-op Membership [here](#) or learn more about how our membership supports local causes in our [FAQ Guide](#)

Thanks,

April Armstrong

Local Community Fund Manager

*Minimum spend £15, excludes alcohol. Full T&Cs can be found [here](#)

Help Required

Do you think that you could put this advert into the next issue of the mag. It's not a Shed thing at all but some members may be willing to help out.

Thanks,

Avril.

From: Staffordshire Bat Group <staffsbat@gmail.com>

Sent: 04 June 2021 14:46

To: Staffordshire Bat Group <staffsbat@gmail.com>

Subject: Flight Cage Repairs - HELP NEEDED

Dear member,

Our flight cage based at the Wolseley Centre is in urgent need of repair, and we have been purchasing the equipment needed to fix these repairs, but now we could do with some volunteer support and strength!

Our flight cage is a vital part of our care and rehab work, and without it we would not be able to test fly our bats to make sure that they are ready to be released.

We are anticipating that work for the repairs will take 2 full weekends and we are proposing to complete this on 26th and 27th June and the 3rd and 4th July.

If anybody feels that they are able to help, even just for a day then please do let us know. All help will be gratefully received!

We expect that 4-5 tallish strongish people will be required on each day, particularly for the roofing section and moving the shed to reboard the front of the flight.

In particular, anyone with woodworking skills would be most welcome, but all volunteers will be appreciated!

Bribes will be present in the form of nice treats and drinks!

Kind regards,

Kelly

--

Kelly Hopkins

Secretary for Staffordshire Bat Group

<https://www.staffsbats.co.uk/>

A Specialist group of the Staffordshire Wildlife Trust

<https://www.staffs-wildlife.org.uk/>

Crossword #9

Across

1. Triathlon need
5. Up to snuff
9. Amorous archer
14. Altar word of old
15. World Cup cry
16. Battery cell
17. Applicability
19. Type of sentence
20. Make intelligible
21. One way to listen or follow
23. River ride
25. Meter need
28. Hard to rattle
29. Kid's claim
33. Agree to, as terms
35. Coupler
37. Bumped into
38. Bake, as eggs
39. Go for the gold?
40. Old saying
42. Till bill
43. Like some vaccines
45. Seaplane's anchor
46. As a result
48. Prefix for section or state
50. Tape, say
51. Track event
54. Place for plates
57. Last Supper attendee
61. In progress
62. Most important
64. Big dipper
65. Unwelcome look
66. Pigmented eye part

1	2	3	4	5	6	7	8	9	10	11	12	13	
14				15				16					
17				18				19					
20							21	22					
			23				24						
25	26	27		28					29	30	31	32	
33				34			35		36		37		
38						39			40	41			
42				43	44			45					
46			47		48			49		50			
			51	52					53				
54	55	56						57			58	59	60
61							62	63					
64							65				66		
67							68				69		

67. Young chicken, for cooking
68. Not straight
69. Throw in the towel

Down

1. Drill
2. Alpine goat
3. Food for sea urchins
4. Makeup bag item
5. 2004 Meg Ryan film, "_____ the Ropes"
6. Hood worn on "The Handmaid's Tale"
7. Resinous deposit
8. End of a race
9. Chocolate substitute
10. Still wrapped

11. Southern dish
12. Adored one
13. Withhold from
18. Airport shuttle, often
22. Vegas "lady"
24. Payment to a writer
25. Social division
26. Reddish yellow
27. Cupcake topper
30. Photoshop item
31. Kicked off
32. Knight's ride
34. Debate position
36. Bud holder?
39. Long cigar
41. Like many wines

44. Disturb
45. Window cover
47. Cal Ripken Jr. was one
49. Pencil end
52. Computer command
53. Hoodwink
54. Young yak
55. Miles away
56. Wine attribute
58. Lose steam
59. _____ to rest
60. Word ending a threat
63. Mend a hem

Free printable courtesy of PrintitFree.net

Award Short List



Volunteering

As part of Volunteer week 1st-7th June and in support of local groups there is an article in the latest edition of Hednesford life magazine- 'Spring into Action' identifying volunteering opportunities in Hednesford. For more information on these please see the latest copy of the magazine.

An evening to dress up for!

On the 15th June is the Support Staffordshire Volunteer Awards. These will be live online so please visit the link [here](#) to enable you to access the location of the awards on the night.

A huge congratulations to three groups from Hednesford that have been nominated and shortlisted for this year's awards:

Chase Pride Committee -New Volunteer Team of the Year Award (sponsored by Mid Counties Coop)

Cannock Chase Shed -Volunteering Support for the Over 65's (sponsored by MAC Clinical Research)

Fireworks -Volunteering Support for Young People (sponsored by Wynniatt Husey Ltd)

We wish you all the very best for the evening and congratulations on being shortlisted.

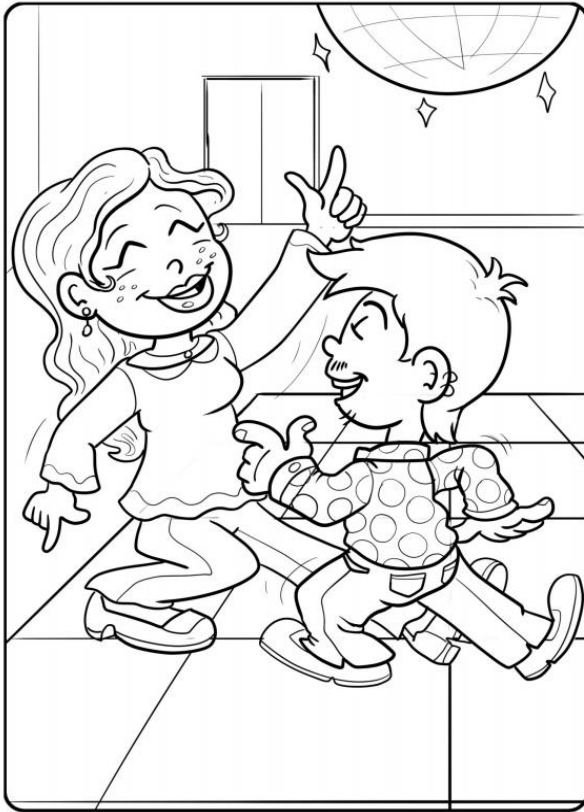
Community Facilities Reopen

It has been brilliant to see Hednesford Town Centre springing back into life this month. May has also seen the reopening of the library for browsing and taking books out, The Pavilion Café in the Park opening under new management and offering a range of food and drink items and also The Museum of Cannock Chase, which houses local history exhibits and amazing art displays in two of the main rooms for all to appreciate.

If your site has also reopened please let us know and if you have any events planned please email the details to laura.dunning@hednesford-tc.gov.uk and we will share them.

SPOT THE DIFFERENCE

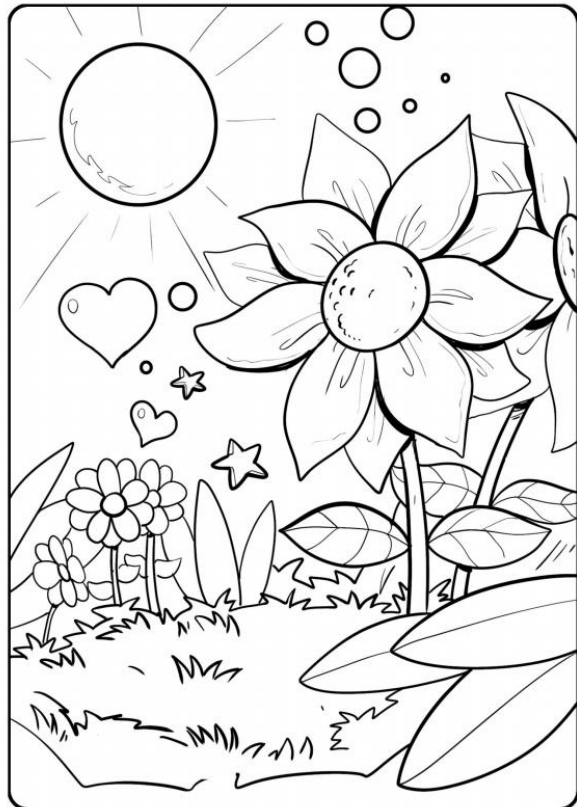
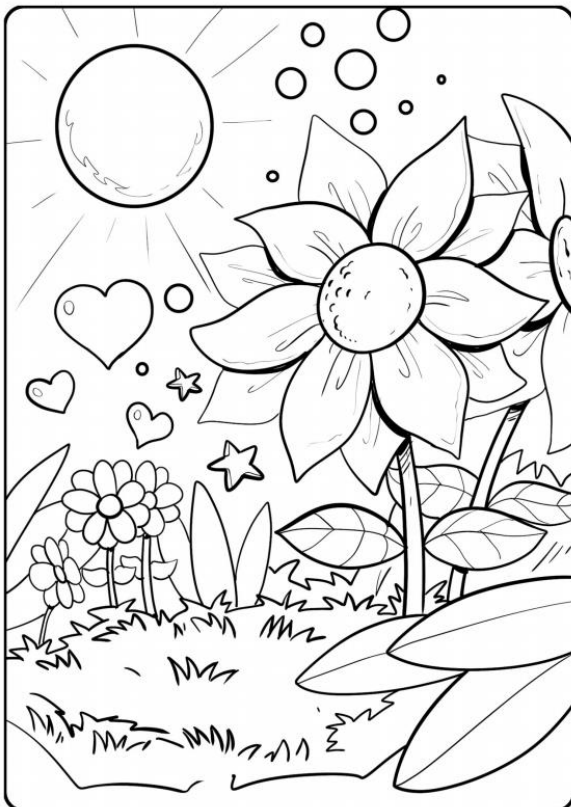
Can you spot the 10 differences between these two pictures?



Free printable courtesy of PrintitFree.net

SPOT THE DIFFERENCE

Can you spot the 11 differences between these two pictures?




Free printable courtesy of PrintitFree.net

DINGBATS: Well Known Terms

£humerus
+
£femur

1 3 5 7
1 3 5
1 3
1 3 5 7 9 11 13 15
1 3 5 7
1 3 5



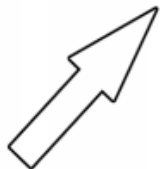
Gorgeous

Epidermis

Dermis

Tissue

HEAR CAN'T
SEE



SMELL TOUCH

1
ABC...YZ

2
Preserving



Repairing
Replacing
Mending

3
owt the
2550

4
O E R T O

5


6
gathering bash
celebration do
function
banquet

7
give GET
give give
GET GET
give GET

8
icy chilly
icy
icy wintry
icy frosty
icy
icy
icy
icy



9
teenagers utd - 2
middle-aged - 0

10
liquids
liquidsolids
gasolid

11
THEHANGRE

12
stay pause
hand foot

13
c
r
worldwide
m
s
o
n

14
inha ling
respir atory

15
2pm occurence
4pm sage

16
G G G
A F I A L L A
P P P

17

18

19

20

Sudoku 33

6			1			7	2	
8								
		5	8				9	
	3			5	1			
	7			3			4	
1					4		6	
7		1	3			4		8
5			2					9
						7		

Sudoku 34

		2				6		
				8		1		
				9		4	8	
	1	8	4	5				
					9		1	3
		7						
3				4	5			8
4				2				
	5				8	3		9

Sudoku 35

4				5	8			
				3			7	
	8						6	
		4	7			3	9	5
2	9		5				8	
	3		1			6		2
								3
3	2		8				5	
	7			1	6	9		

Sudoku 36

		6			1	7		2
				9	4			1
1				6				8
	5				9			
8					5	6		3
7			1			5		
	2		7					
	4						2	6
					6	4		

Project - Bug B&B from Pete Ross

The attached photos show some of the stages of a Bug B&B, made as a birthday present for my wife, by me and my little Apprentice, grandson Louie.



Pete's first cross-halving joint since school woodwork lessons
Don't want any splinters – Tongue poking out aids concentration



Assembling frame





Unfurnished, vacant possession

Furnished des res

Smartest Bug B&B in town



Open for bookings

Pets Welcome

Creepy Crawlies Welcome

No worry about social

distancing here

Close to local Amenities

Secure Accommodation

Free Parking

Friends and Family Welcome

At No Extra Charge

And Please keep Dogs on a Lead – Follow the Country Side Code

Grandad got the Apprentice doing the work while
he has cups of Tea eh!!



**Looks like Louie's done most of the work to me
Well Done Louie**

Rated



Wordsearch

Rare birds

l	v	e	j	x	x	w	q	i	l	p	l	m	b	w	t	s
v	i	t	l	l	t	e	u	a	s	e	c	u	y	e	a	n
x	q	t	t	e	t	n	m	n	r	e	l	g	l	d	r	x
a	v	v	t	z	r	b	e	t	w	w	o	e	h	e	d	n
t	h	c	q	l	p	t	e	c	e	h	r	h	t	f	f	b
u	j	s	a	x	e	p	e	r	i	r	i	n	n	a	p	d
f	q	o	g	p	t	k	s	p	u	f	y	t	c	i	e	t
v	r	f	r	s	p	l	s	m	x	t	i	e	e	w	w	a
y	b	i	a	s	p	e	n	h	o	s	d	n	o	a	i	s
r	y	e	g	e	s	t	d	o	e	n	n	r	g	e	d	u
w	f	d	t	a	n	o	s	s	p	a	b	o	r	a	a	z
e	z	r	t	e	t	l	r	e	p	i	r	i	s	h	m	d
q	e	n	i	e	e	e	t	t	k	e	v	w	u	l	x	k
l	y	c	g	r	w	r	b	c	a	r	t	m	a	q	i	r
c	n	t	t	m	e	n	a	i	t	b	s	r	o	t	e	w
a	q	e	u	l	h	l	c	g	r	l	l	j	e	v	e	w
g	p	t	y	r	b	d	p	p	f	d	j	a	b	l	z	r

black browed
albatross
feas petrel
capped petrel
bulwers petrel
little shearwater
wilsons petrel

white
faced petrel
swinhoes
petrelsooty tern
ancient murrelet
magnificent
frigatebird

Humour

1. AT&T fired President John Walter after nine months, saying he lacked intellectual leadership. He received a \$26 million severance package. Perhaps it's not Walter who's lacking intelligence.

2. WITH A LITTLE HELP FROM OUR FRIENDS

Police in Oakland, CA spent two hours attempting to subdue a gunman who had barricaded himself inside his home. After firing ten tear gas canisters, officers discovered that the man was standing beside them in the police line, shouting, "Please come out and give yourself up."

3. WHAT WAS PLAN B?

An Illinois man, pretending to have a gun, kidnapped a motorist and forced him to drive to two different automated teller machines, wherein the kidnapper proceeded to withdraw money from his own bank accounts.

4. THE GETAWAY

A man walked into a Topeka, Kansas Kwik Stop and asked for all the money in the cash drawer. Apparently, the take was too small, so he tied up the store clerk and worked the counter himself for three hours until police showed up and grabbed him.

5. DID I SAY THAT?

Police in Los Angeles had good luck with a robbery suspect who just couldn't control himself during a lineup. When detectives asked each man in the lineup to repeat the words: "Give me all your money or I'll shoot", the man shouted, "That's not what I said!"

6. ARE WE COMMUNICATING?

A man spoke frantically into the phone: "My wife is pregnant and her contractions are only two minutes apart." 'Is this her first child?' the doctor asked. "No!" the man shouted, "This is her husband!"

7. NOT THE SHARPEST TOOL IN THE SHED!

In Modesto, CA, Steven Richard King was arrested for trying to hold up a Bank of America branch without a weapon. King used a thumb and a finger to simulate a gun. Unfortunately, he failed to keep his hand in his pocket.

8. THE GRAND FINALE!

Last summer, down on Lake Isabella, located in the high desert an hour east of Bakersfield, CA, some folks, new to boating, were having a problem. No matter how hard they tried, they couldn't get their brand new 22 foot boat, going. It was very sluggish in almost every maneuver, no matter how much power they applied. After about an hour of trying to make it go, they putted into a nearby marina, thinking someone there may be able to tell them what was wrong. A thorough topside check revealed everything in perfect working condition. The engine ran fine, the out-drive went up and down, and the propeller was the correct size and pitch. So, one of the marina guys jumped in the water to check underneath. He came up choking on water, he was laughing so hard. Under the boat, still strapped securely in place, was the trailer!

Now remember, these are all true stories. These people vote and most have children!

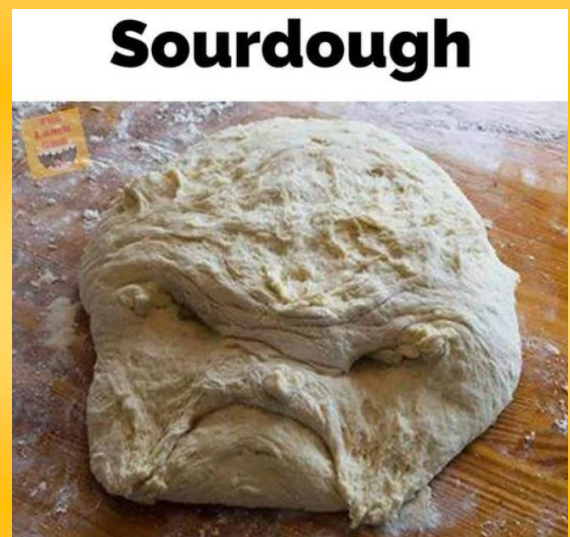
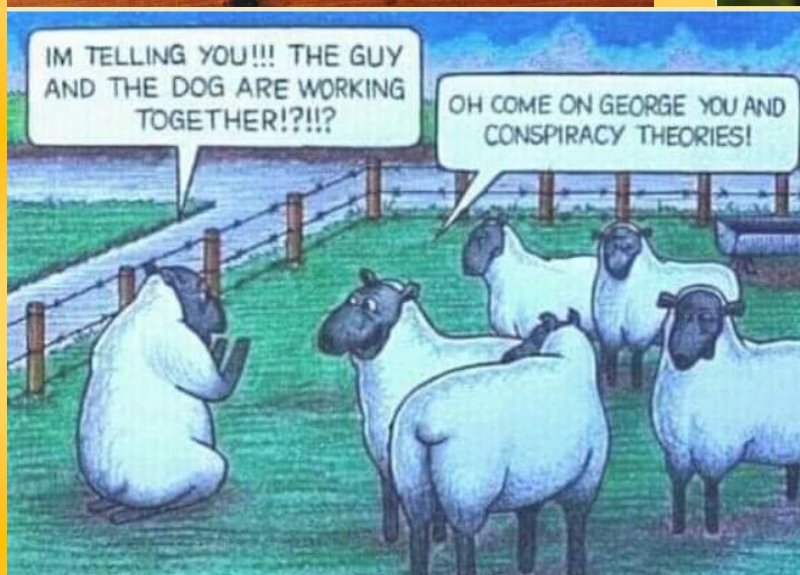
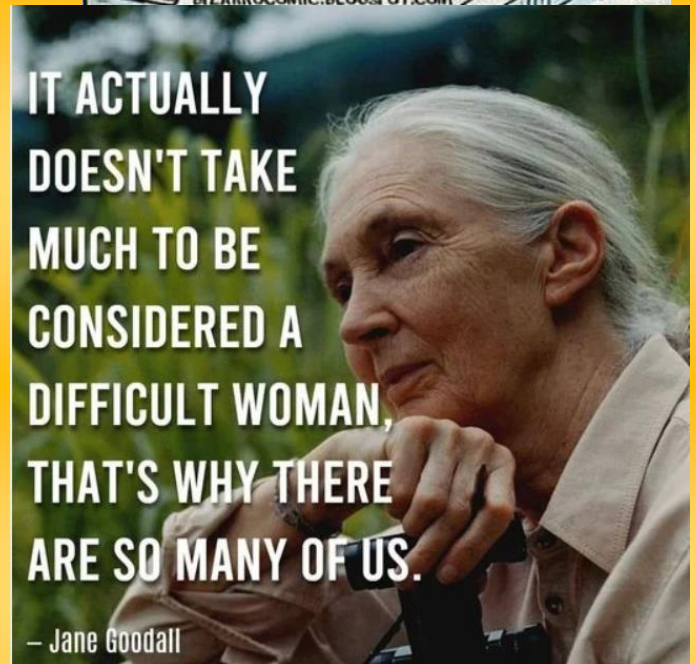
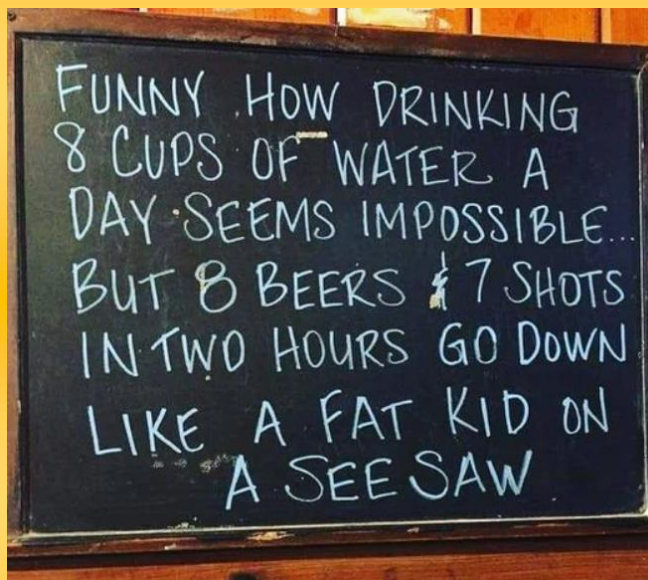
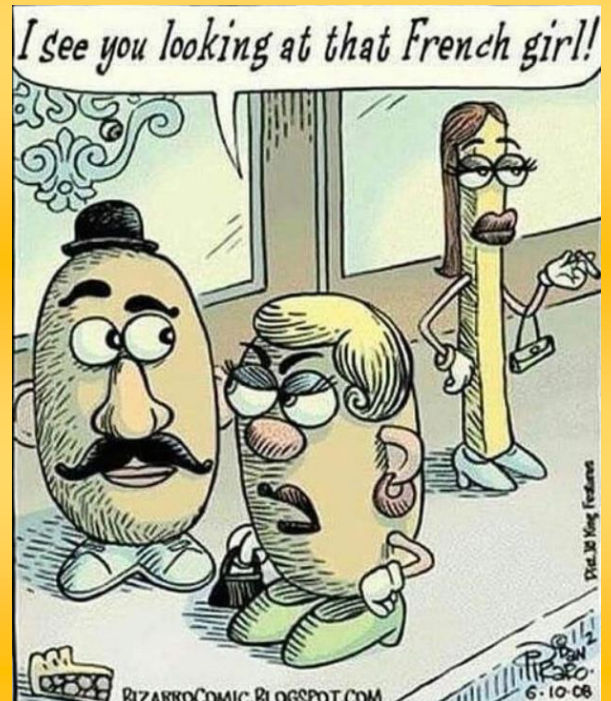


. What do you call a pig with laryngitis? Disgruntled.

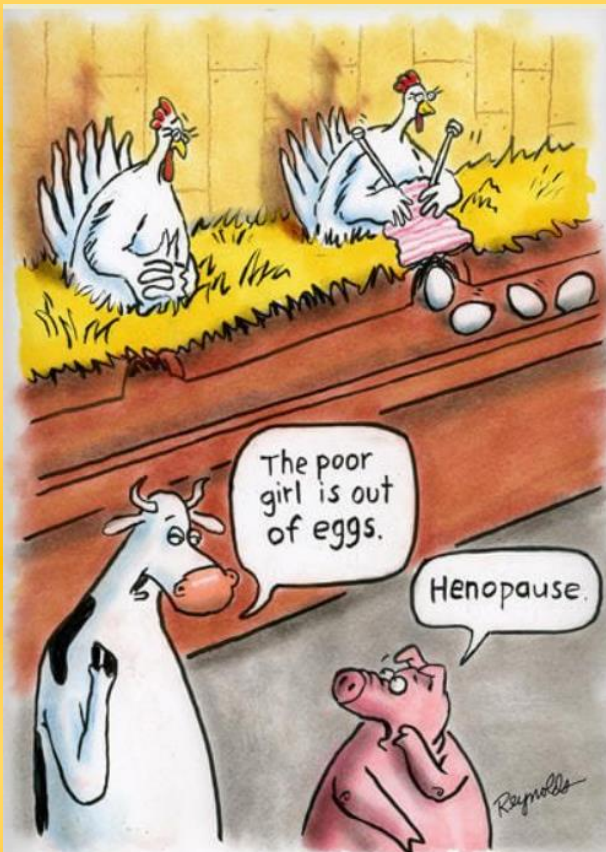
Why do bees stay in their hives during winter? Swarm.

Writing my name in cursive is my signature move.

Humour




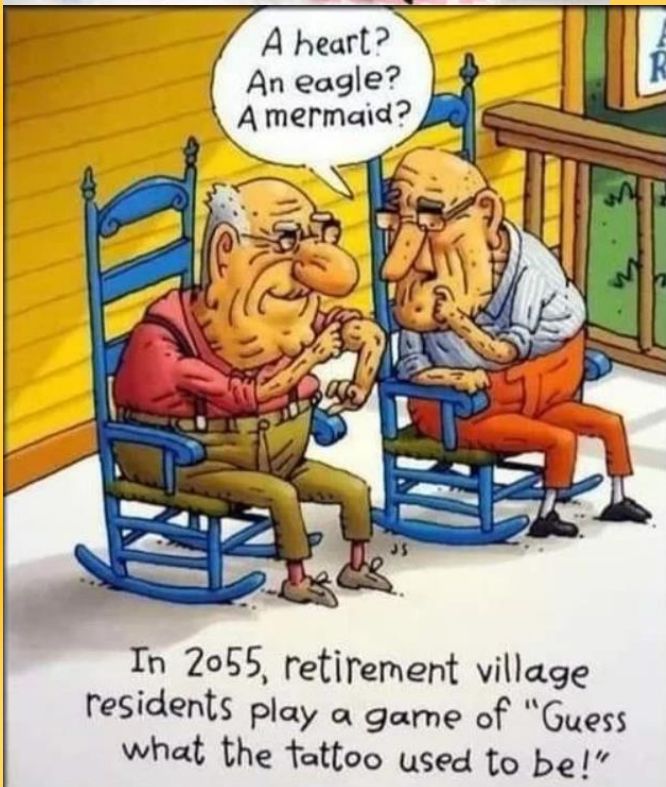
Humour



Addicted to catnip, Fluffy was forced to fund her habit by performing lewd acts for the neighbors perverted chickens.



Posted in r/memes by u/Rupispupis 



I need a smoke detector that shuts off when you yell "I'm just cooking!"

If you're bad at haggling, you'll end up paying the price.
Just so everyone's clear, I'm going to put my glasses on.
A commander walks into a bar and orders everyone around.

Humour

I see it
I like it
I want it
I check the price
I put it back



Warning:
Going to sleep on
Sunday
will cause Monday.
Please note that
staying awake all
night does not
prevent Monday.
There is no cure.



It was 11 years ago today that my pal Dave came running out of the room screaming it's a boy, it's a boy with tears streaming down his face. We never went back to Thailand...



After listening to his owner drone on for hours, Ralph suddenly realized he was NOT cut out to be an emotional support dog after all.

Just failed my driving test. When the examiner asked me "what sign would you expect to see down a narrow country road?" Apparently 'fresh eggs for sale' wasn't the answer...

Do you EVER just look at someone and think, I'm so glad I met you



I lost my job as a stage designer. I left without making a scene.

Humour

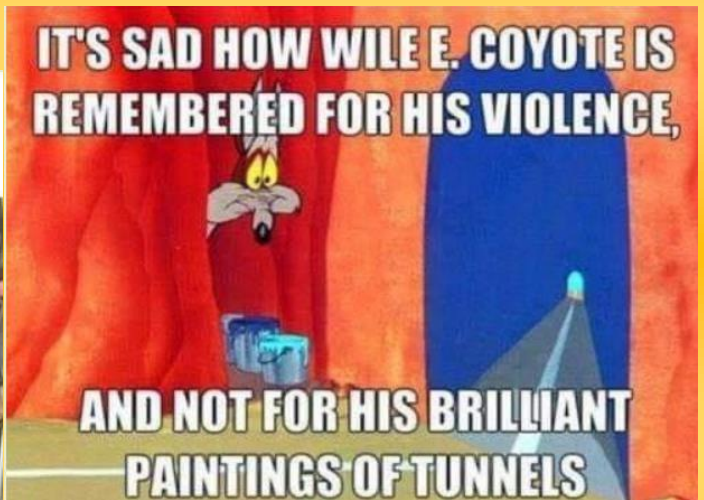
Never buy flowers from a monk. Only you can prevent florist friars.

We feel there's a story behind this picture. 😂



IT'S SAD HOW WILE E. COYOTE IS REMEMBERED FOR HIS VIOLENCE,

AND NOT FOR HIS BRILLIANT PAINTINGS OF TUNNELS



I've always wondered if songbirds get mad at hummingbirds for not knowing the words.



How much did the pirate pay to get his ears pierced? A buccaneer.



I once worked at a cheap pizza shop to get by. I kneaded the dough.

My friends and I have named our band 'Duvet'. It's a cover band.

I lost my girlfriend's audiobook, and now I'll never hear the end of it.

Why is 'dark' spelled with a k and not c? Because you can't see in the dark.

Project – Step Stool Chair



This is a really fun project. Basically, you have a chair, you move the legs up and flip it over and then you have a step stool. The chair has 2 sections linked by a piano hinge. There is a handhold on the back of the chair that makes it easier to carry. These plans have been around for a while and it's a really popular project with woodworkers. I would say this is a medium difficulty project. Everything has the same thickness that makes it easier to build.

Convertible **Step Stool/ Chair**



Every day of the week, project requests from readers arrive here at *The Woodworker's Journal* offices. Some are in letters, other are scribbled on the backs of subscription renewals, and often the request is accompanied by a sketch. Over the years, one of the most requested projects has been the step stool/chair. Readers have referred to it as a library chair, a convertible chair, a folding step chair, and a host of other things, but whatever they called it, the function was the same: a chair that quickly converted into a little step ladder.

Although we have previously published plans for a similar step stool/chair (we called it a 19th Century Step Chair

!), that chair was an antique, and didn't have a look that fitted in easily with most home decors. So our eyes have always been open, looking for a good new step stool/chair plan to publish. When a snapshot of this version arrived in our mailbox, sent by Texas woodworker A.B. Beavers, we knew we had a winner. After studying similar pieces, A.B., who is a retired machinist, worked up these plans himself. And since, as he says "I've always wanted my wife to see New England and eat fresh lobster," A. B. and wife Darline decided to drive up and hand-deliver the step stool/chair here to our Connecticut offices, while at the same time taking in the sights—and



tastes—of a mini New England vacation.

We think A.B.'s design is simplicity itself. As illustrated in the cutting diagram, all the parts can be obtained from a single 1 by 12 board, measuring $\frac{3}{4}$ in. thick by $11\frac{1}{4}$ in. wide by 12 ft. long. As pictured, the chair is crafted in oak, but almost any good hardwood, such as cherry, maple or walnut, can be used. The attractive use of gentle curves, clean lines and rounded edges makes this chair fit in with almost any decor, whether it's

CUTTING DIAGRAM



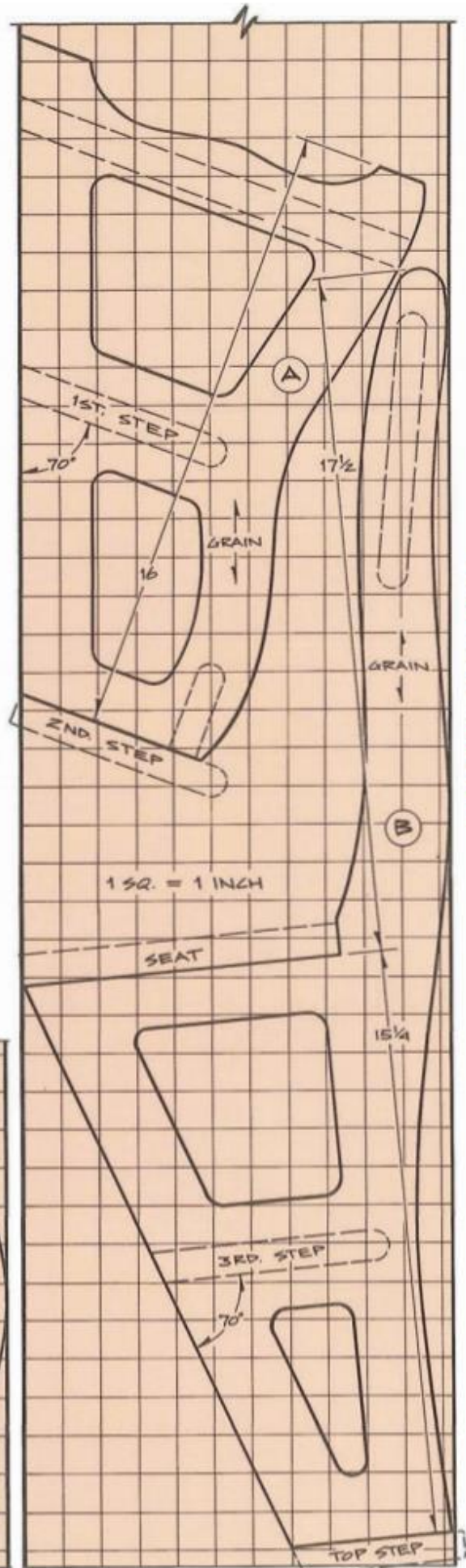
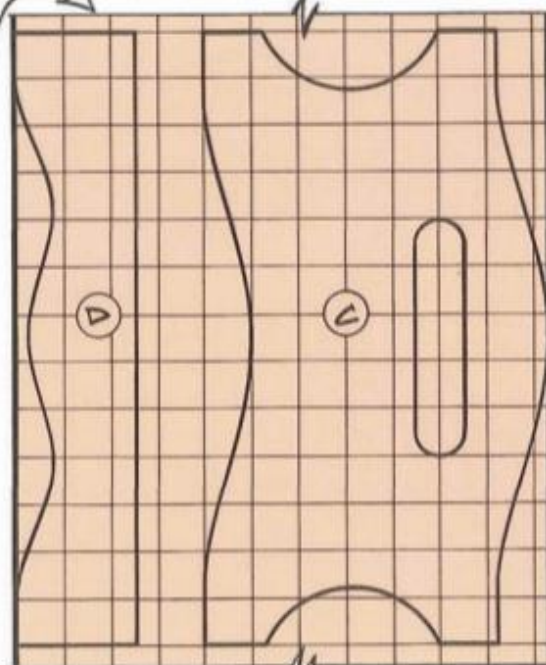
used in the kitchen to reach those high shelves in the upper cabinets, in the bedroom to get to the closet shelf, or elsewhere.

The design that allows these projects to convert from a step stool to a chair, and back again, is both clever and simple, but it's somewhat hard to visualize if you don't have the chair in front of you. Basically, the chair is designed so that there are two sections, linked by a piano hinge. To convert from the step stool to the chair mode, the top section of the stool is pivoted over the lower section, so that the top step of the stool is now resting on the floor. Hopefully, our time-lapse illustration on page 51 will help with visualizing the conversion.

Getting Started

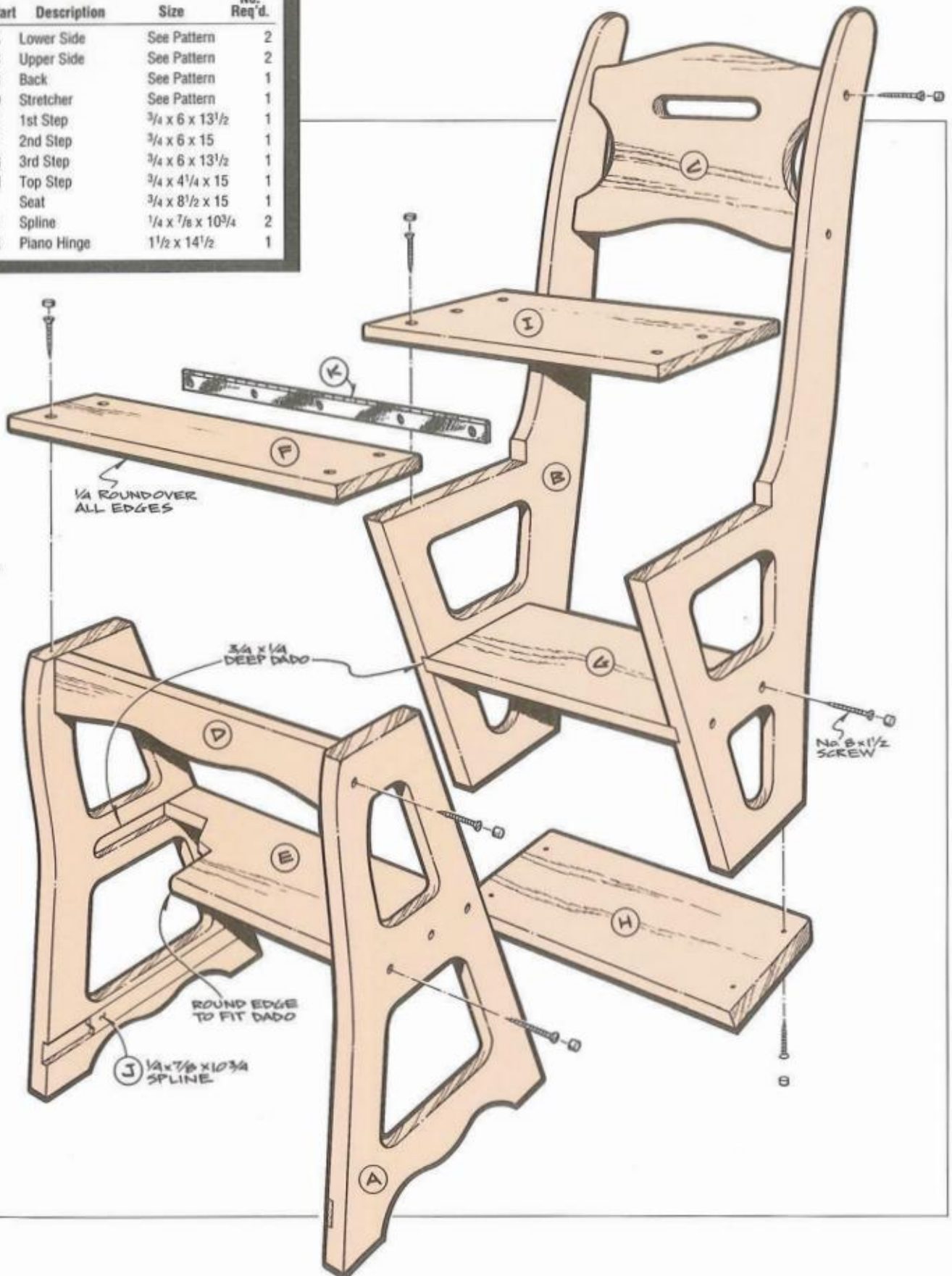
Thankfully, building the step stool/chair is considerably easier than trying to imagine how it works. The most important parts—the lower and upper sides (A, B)—are provided as a grid pattern exactly as they are to be laid out on your 1 by 12 board. As the Cutting Diagram shows, one of each of the sides is laid out on each end of the 1 by 12 board. The way to make these four parts is to first lay out one each of the side sections on the bottom end of the board, exactly as they appear in the grid pattern.

Transferring the Patterns: There are several ways to accomplish this. First, if



Bill of Materials
(all dimensions actual)

Part	Description	Size	No. Req'd.
A	Lower Side	See Pattern	2
B	Upper Side	See Pattern	2
C	Back	See Pattern	1
D	Stretcher	See Pattern	1
E	1st Step	$\frac{3}{4} \times 6 \times 13\frac{1}{2}$	1
F	2nd Step	$\frac{3}{4} \times 6 \times 15$	1
G	3rd Step	$\frac{3}{4} \times 6 \times 13\frac{1}{2}$	1
H	Top Step	$\frac{3}{4} \times 4\frac{1}{4} \times 15$	1
I	Seat	$\frac{3}{4} \times 8\frac{1}{2} \times 15$	1
J	Spline	$\frac{1}{4} \times \frac{7}{8} \times 10\frac{3}{4}$	2
K	Piano Hinge	$1\frac{1}{2} \times 14\frac{1}{2}$	1



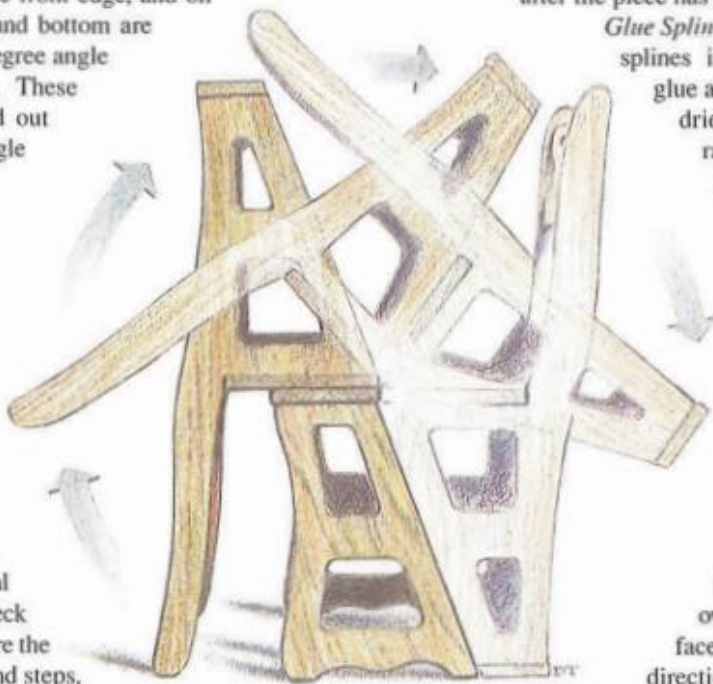
you have access to a photocopier that can enlarge, just enlarge the pattern until the squares on the grid pattern are 1 in. across. Because of the size of the pattern, you'll need to make the enlargement in several sections, and then cut and tape the sections together. The other option is to lay out a 1 in. square grid on some kraft paper, and then draw in the pattern of the two side parts. This really isn't difficult, since much of the pattern is just straight lines. On the upper section, the seat and steps are at 70 degrees to the front edge, and on the lower section the steps and bottom are positioned at this same 70 degree angle with respect to one edge. These straight lines are easily laid out with just a protractor or angle gauge and a straight edge.

The curved lines on the side sections aren't all that fussy, and they needn't be exactly the same profile as on the pattern. In fact, if you'd rather use a few heart-shaped cutouts (or some other shape that you like) in the sides instead of the cutout profiles that we show, you can dramatically change the look of the piece. About the only critical points that you'll need to check before cutting the sides out are the 70 degree angle of the seat and steps, the 15 1/4 in. and 17 1/2 in. dimensions from the seat flat to the bottom and top ends respectively of the upper side, and the 16 in. dimension from top to bottom on the lower side. If these dimensions check out, and if your seat and step stock is exactly 3/4 in. thick, when assembled, the chair will work exactly as intended, no trimming required.

Once you've cut the first part of each pair of sides from the bottom end of your source board, just use these as a template to trace the profiles of the remaining side parts on the top end of the board. Once cut out, you should have two pairs, an upper side pair and a lower side pair.

Cut the Step and Spline Dadoes: Next, you'll need to cut the dado grooves in the lower and upper sides for the 1st and 3rd steps, respectively. Use a router equipped with a 3/4 in. diameter mortising bit or straight cutter, and clamp a straight edge to the work piece as a guide. First, though, be sure to identify exactly which side of the workpiece you'll be cutting the dado into, and mark clearly with an "X". This is not the time to cut a step dado on the wrong side. Make the 1/4 in. deep step dadoes with at least two depth settings of the router bit, removing about 1/8 in. of stock each time. With the step dadoes cut, don't forget to also lay out and cut the spline dadoes in the lower sides. These splines add reinforcement to the short grain area of the lower sides that is most likely to break.

Make the Back and Stretcher: You can transfer the patterns for the back (C) and stretcher (D) using the same system that you used for the sides, or just cut these parts to their 13 in. lengths, and come up with your own profiles for the curves.



Again, use your imagination—perhaps carrying the heart theme through to the back and stretcher.

Make the Steps, Seat and Splines: The remaining parts—the steps (E, F, G, H), the seat (I) and the splines (J)—are cut from the remaining source board. Apply a 3/4 in. bull-nose to one edge of steps 1 and 3, to match the ends of the respective router-cut dadoes into which they fit, but don't apply the bevel to the opposite edge yet. That's best done with a hand plane after the piece has been assembled.

Glue Splines and Round Edges: Test-fit the splines into their mating dadoes, then glue and clamp. Once the splines have dried, and after sanding, a 1/4 in. radius round over is applied to most edges. You can hand-sand the radius, but it's quicker to just chuck a 1/4 in. radius roundover bit in the router or laminate trimmer, and use that to radius the edges.

Assembly

The step stool/chair is assembled with glue, screws and plugs. If you don't have a source for ready-made face grain plugs, buy a plug cutter and cut your own. By cutting the plugs from face grain, and matching the grain direction, your plugs will be all but invisible.

Before gluing and screwing, dry-assemble the two chair sections, and check that everything fits as intended. If all checks out, drill and counterbore for the screws and plugs, and final assemble. If you haven't used them yet, we recommend that you try the new square-recess screws. The screws pull in easily, and the driver bit never cams out. Drill pilot holes for the screws to avoid any chance of splitting the wood.

Finishing Up

With the two sections complete, and the plugs trimmed and sanded, now you can apply a finish. As shown, the piece has a light maple stain, followed with four coats of Deft Clear Wood Finish (lacquer).

Once the finish has dried, all that's left is to join the two sections with the piano hinge (K). Piano hinges (typically in 4 ft. lengths) are sold in most hardware stores.

Cut the piano hinge (with a hacksaw) to the required 14 1/2 in. length, and screw in place. Note that piano hinges are not mortised in, but are just face mounted to the edges to be joined.

If your side parts were cut as shown in the pattern, the step stool/chair should work perfectly—no adjustment needed. If one section or the other doesn't match up perfectly with the other, just sand as needed to even everything up.

Now, with the piece in its chair configuration, sit down and enjoy a brief rest in your latest creation.



Answers to Puzzles

Solution for Crossword #9

1	B	2	I	3	K	4	E		5	A	6	7	8	E		9	C	10	11	12	13	D
14	O	B	E	Y					15	G	O	A	L			16	A	N	O	D	E	
17	R	E	L	E		18	V	A	N	C	E					19	R	U	N	O	N	
20	E	X	P	L	A	I	N					21	C	L	O	S	E	L	Y			
						23	I	N	E	R	T	U	B	E								
25	C	O	I	N				28	S	T	O	I	C			29	D	I	B	S		
33	A	C	C	E	P	T					35	Y	O	K	E			37	M	E	T	
38	S	H	I	R	R				39	P	A	N			40	A	D	A	G	E		
42	T	E	N			43	O	R	A	L				45	D	R	O	G	U	E		
46	E	R	G	O				48	I	N	T	E	R			50	M	E	N	D		
						51	R	E	L	A	Y	R	A	C	E							
54	C	A	B	I	N	E	T					57	A	P	O	S	T	L	E			
61	A	F	O	O	T					62	E	S	S	E	N	T	I	A	L			
64	L	A	D	L	E					65	L	E	E	R			66	I	R	I	S	
67	F	R	Y	E	R					68	A	W	R	Y			69	C	E	D	E	

Well Known Terms - Free Dingbats – FreePubQuiz.co.uk

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1. Costs an arm and a leg
2. Long odds
3. Beauty is only skin deep
4. Blind corner
5. Split ends
6. High maintenance
7. Back to the future
8. Painless operation
9. Merry-go-round
10. Tea Party
11. Forgive and forget
12. Common cold
13. Lost generation
14. United States
15. Hang in there
16. Wait on hand and foot
17. International red cross
18. Breathing space
19. Wise after the event
20. Fill in the gaps

Sudoku 33 Solution

6	4	3	1	9	5	8	7	2
8	9	7	4	2	3	5	1	6
2	1	5	8	7	6	3	9	4
4	3	6	9	5	1	2	8	7
9	7	8	6	3	2	1	4	5
1	5	2	7	8	4	9	6	3
7	2	1	3	6	9	4	5	8
5	8	4	2	1	7	6	3	9
3	6	9	5	4	8	7	2	1

Sudoku 34 Solution

8	4	2	5	3	1	6	9	7
7	9	5	6	8	4	1	3	2
1	6	3	2	9	7	4	8	5
9	1	8	4	5	3	7	2	6
5	2	4	7	6	9	8	1	3
6	3	7	8	1	2	9	5	4
3	7	1	9	4	5	2	6	8
4	8	9	3	2	6	5	7	1
2	5	6	1	7	8	3	4	9

Sudoku 35 Solution

4	6	7	9	5	8	2	3	1
9	5	2	6	3	1	4	7	8
1	8	3	4	2	7	5	6	9
8	1	4	7	6	2	3	9	5
2	9	6	5	4	3	1	8	7
7	3	5	1	8	9	6	4	2
6	4	9	2	7	5	8	1	3
3	2	1	8	9	4	7	5	6
5	7	8	3	1	6	9	2	4

Sudoku 36 Solution

9	8	6	3	5	1	7	4	2
2	7	5	8	9	4	3	6	1
1	3	4	2	6	7	9	5	8
4	5	1	6	3	9	2	8	7
8	9	2	4	7	5	6	1	3
7	6	3	1	8	2	5	9	4
6	2	9	7	4	8	1	3	5
5	4	7	9	1	3	8	2	6
3	1	8	5	2	6	4	7	9

Wordsearch Answers

Rare birds

l	v	e	j	x	x	w	q	i	l	p	l	m	b	w	t	s
v	i	t	l	t	e	u	a	s	e	c	u	y	e	a	n	
x	q	t	t	e	t	n	m	n	r	e	l	g	l	d	r	x
a	v	v	t	z	r	b	e	t	w	w	o	e	h	e	d	n
t	h	c	q	l	p	t	e	c	e	h	r	h	t	f	f	b
u	j	s	a	x	e	p	e	r	i	r	i	n	n	a	p	d
f	q	o	g	p	t	k	s	p	u	f	y	t	c	i	e	t
v	r	f	r	s	p	l	s	m	x	t	i	e	e	w	w	a
y	b	i	a	s	p	e	n	h	o	s	d	n	o	a	i	s
r	y	e	g	e	s	t	d	o	e	n	n	r	g	e	d	u
w	f	d	t	a	n	o	s	s	p	a	b	o	r	a	a	z
e	z	r	t	e	t	l	r	e	p	i	r	i	s	h	m	d
q	e	n	i	e	e	e	t	t	k	e	v	w	u	l	x	k
l	y	c	g	r	w	r	b	c	a	r	t	m	a	q	i	r
c	n	t	t	m	e	n	a	i	t	b	s	r	o	t	e	w
a	q	e	u	l	h	l	c	g	r	l	l	j	e	v	e	w
g	p	t	y	r	b	d	p	p	f	d	j	a	b	l	z	r