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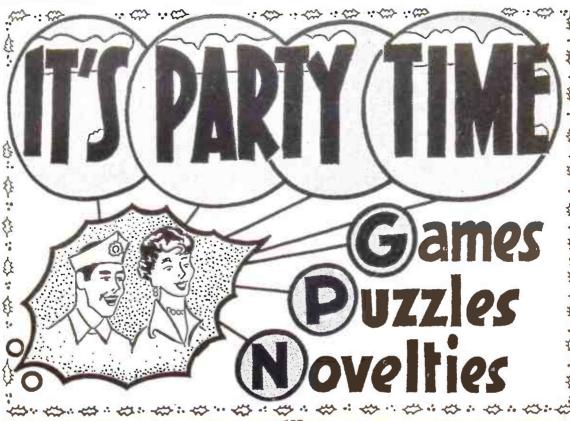
DIMEED STOR

IN THIS ISSUE

Articles showing how young and old can make the most of this Festive Season



All correspondence should be addressed to the Editor, Hobbies Weekly, Dereham, Norfolk



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Over 60 years of 'Do-it-Workstonson's

4½

INTRODUCING YOUR GUESTS

F course you want ice at your party... for the drinks. How, then, to effect a quick thaw for that first, rather icy half-hour when guests arrive, plonk themselves on chairs and register an 'Amuse us if you dare' expression?

The answer is a little pre-planning; something arranged for your friends to get to know one another as soon as possible. Something novel, too, that will get them talking together; will keep them on the move as soon as they arrive.

The first guest to arrive is handed a pile of sealed envelopes. He or she is instructed to retain the top envelope, but to hand the remainder to the next guest to arrive. They are to introduce themselves and the first guest is to explain to the second guest that he or she is again to retain the top envelope and to pass on the remainder to the next guest and so on.

'... so sorry—actually I'm looking for "a bird in hand" card.'

You have, of course, pre-arranged the contents of the envelopes. They contain a sheet of paper for the 'Autograph Hunt', clues for the Treasure Hunt, several sheets of blank paper for any written games planned, and, finally, half of a written motto. It is also a good idea to include a pencil - you can economise by cutting whole pencils into three.

For the TREASURE HUNT you have already hidden some small gift. The written clue in the envelope should lead

to another clue, which in turn leads to the prize. Make the clues difficult for the intellectual types. For instance, a clue for 'stair carpet' could read 'Look hard! It's only a friendly animal behind the vehicle'. On the other hand, clues at a children's party must be very simple.
This same clue could read 'Wee Willie
Winkie' trod on your clue many times'.
The AUTOGRAPH HUNT is an ideal

'ice-breaker'. A sheet of paper in the envelope is headed 'List of Guests'. Down a lest-hand column is a list of all the guests arriving and it is the duty of all the guests to obtain the autographs of all the other guests as soon as possible, on the same sheet of paper.

The HALF-MOTTO stunt is an old dodge but always popular. Guests find a slip of paper in their envelope on which is written the half of a motto. Male guests search for the female holding the other half of the motto. The couples are then 'official pairs' for any partner games played during the evening. The male of You've got real ice at your party!

the pair is also responsible for his partner's comfort during the 'do', such as fetching drinks, sandwiches, etc.

Should a male find another male holds the remaining half of the motto, swops

the remaining hall of the motto, swops must be effected with the females. Do, therefore, arrange that equal numbers of both sexes are invited to your party. Now to get the games session off to a real bang! Tell all the guests to move around, shaking hands and introducing themselves to one another in quick succession. Announce that at a certain bandshake the donor will receive a prize handshake the donor will receive a prize.

This again is something pre-prepared. You have collared one of the guests on his arrival, let him into the secret, given him the prize to secrete in his pocket, and told him to take part in the handshaking session and to count the number

snaking session and to count the number of introductions he receives. On, say, the fortieth, he hands over the gift.

If, after this game, everyone doesn't know everyone else, get a blow-lamp.

*QZ9Z9Z9Z9Z9Z9Z9Z9Z9Z9Z9Z9Z9Z9Z9Z9Z*9 A way with Cards §

▼ TOUR Christmas cards will look very nice on the mantel shelf. provided you receive no more than six and enjoy the exercise when retrieving them from the floor every time they are scattered by a door draught!

Better to hang them in vertical columns on the wall. Anchor top card with drawing pin. Connect up cards with short lengths of sticky tape.

Stick the connecting tape to inside urst flap of the card. This way they will lie flat and tidy. Held by the tape on the back cover, the front flaps fly open and the colourful face of the card is not seen. Also, don't hang your cards dead square and formally. Slant them in alternate directions, as shown.

If you are draping the cards over a cord stretched across the room, anchor each one with a paper clip, or they will slide to a saggy mess in the middle.

A pleasing setting for your cards is to 'plant' a many-twigged tree bough into a large flower pot filled with sand. Cut the twigs to form a 'Christmas tree' shape. Affix your cards on the twigs with drawing pins or loops made from sticky tape. This form of setting looks particularly well in the hall.



Christmas Roundabout

TRY THESE POSERS

BVIOUSLY you cannot play games non-stop all through your party. You must have one or two

But 'ware of yawns during these rest periods. From a rip-roaring success your 'do' can quickly degenerate into a mouth-opening, yawn-stifling, dying-onits-feet fizzle.

Have some teasers ready. Below are a few to begin with. Soon your guests will be trying out their favourite 'catch'. It can become quite a session instead of a brow-creased, worrying period for the

The Lazy Bird

EVERY species has a lazy member of their family. This bird, perched comfortably on the bough, is not one to hop all over the place in search of food - not he! The grub can come to him and it certainly looks as if his policy works out.

to the same, whether vertically. horizontally or diagonally?

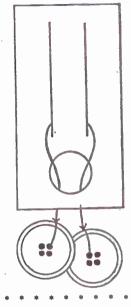
2. Arrange the figures 1 to 9 so that they will amount to 100 when added together. Here is one example:

Solution on page 205

For 'Do-it-yourself-ers'

TAKE a sheet of fairly thick paper about 6ins. by 3ins. in size. Cut two vertical slits and a hole as shown. Wind a length of thread through the slits take the ends through the hole and tie to two buttons of a size larger than the cut hole. Now ask your friends to remove the thread without damaging or cutting anything.

Solution on page 205



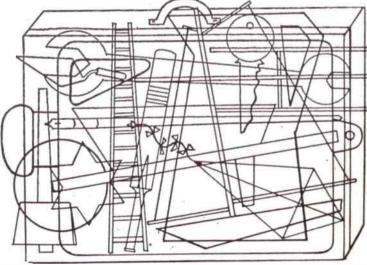
A Space-Shortage Problem



You can see if the mosquito, heading his way; became yet another tasty morsel by peering hard at the two black dots and bringing the paper slowly towards your eyes.

Fun with figures

Can you place the numbers 1 to 9 in a square of three rows, three numbers in each row, so that they all add up



WHILST we told our artist to enclose his work in as small a space as possible, we didn't expect him to cram these 15 illustrations into so small an area Can you identify all the objects? Check your answers with the list on page 205.

KEEP THE PARTY GOING

AR better than holding up the party with a set meal break, devise a running buffet. Use an old table. Box it in by covering in the legs with coloured crepe paper on a framework of string. Make a canopy by tying a broom handle to each leg as a support, and a 'roof' by draping a sheet over the broom handle ends. Again, cover over with crepe paper.

Step up the food display by forming three tiers on the table top with lengths of wood resting on cardboard boxes.

Cover with fancy paper.

For the eats, small sandwiches are best. Fillings should be numerous and varied. Have a good selection so that even Miss Fusspott finds something to her liking.



Keep the party fun going, even at this stage, by giving the sandwiches 'quiz' tags. Make them from cocktail sticks spiked through slips of stiff paper. If you are clever, sketch the clue. If not, use a jumbled-letter clue. Above are shown two examples for cheese.

Very soon you will have your guests asking for a 'gutone' or a 'kichnec' sandwich!

Christmas Ouiz-1

- 1. What connection has a dropped apple with Christmas Day?
- 2. Where does Santa Claus appear on December 6th?
- 3. How many varieties of holly exist? 10, 124 or 195?
- 4. In what country is it a crime to eat more than three courses at any meal on Christmas Day?
- 5. In what country do they spread straw over the floors at Christmas?
- 6. What royal personage first installed a Christmas tree into what Royal apartments?

Answers on page 205.

Hidden words

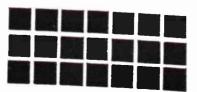
TN each of the following sentences is hidden the name of something associated with Christmas. Can you spot them?

- 1. The Turk eyed the man suspiciously. 2. 'Bring the car, Oliver', said the lady.
- 3. The man admitted that he had bought the goods from stock in Grimsby. 4. The hamster, I found a very pleasant
- animal. 5. 'Use plaster to fill in the crack', Ernest
- 6. Detective Trim mingled with the
- 7. 'For my cold I take menthol', Lynda replied.
- 8. My little pup resents being patted. Answers on page 205.



Take more water with it!

T OOK at these three rows of black Lesquares. Are the intersections clean or do you see grey spots there? If you do, don't worry. They have been seen at temperance parties, also!



Hand magic

FOLD a small square of paper between the tips of your two forefingers, as shown. Now challenge anyone to poise their two forefingers 'at the ready' and to try and catch the paper when you release your hold. They can get within six inches of your hand - it is still impossible!

Challenge your guests that you are able to place your right hand somewhere on your person where you can see it, yet you are unable to touch it with your other hand. Ask them to try.

Solution on page 205.

. . . Christmas Quiz-2

- 1. Who are Dasher, Dancer and Dander?
- 2. What are the chances in this country of snow falling on Christmas Day? 1 in 14, 1 in 5, or 1 in 9?
- 3. How is Bristol connected with turkeys?
- 4. In what English town are overcoats given away at Christmas?
- 5. Which country, of England, France and Germany, started the custom of Christmas cards: (b) Presents; (c) Crackers?
- 6. Where would Santa Claus expect to gather vegetables and fodder on his Answers on page 205.

Christmas Roundabout

BAFFLING MATCH TRICKS . . .

TWOPENNY BOX of matches will provide the only apparatus needed for these puzzling problems. If you wish to show them to your friends in a more appealing manner you may care to use a sixpenny bundle of coloured spills. Whether you use matches or spills you should arrange your problems on a plain dark background and clear of other objects if you are going to obtain the best effects and really gain the attention of your audience.

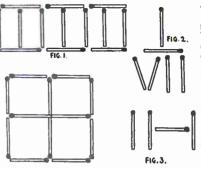
Here then are the six problems for you to attempt yourself.

The submariners' dilemma

An eccentric admiral once gave the order that the six submarines under his command should submerge to the bottom of the sea in such a way that every vessel was in actual contact with every other vessel. It is possible to demonstrate how the Submariners obeyed the order by arranging six matches. Can you do it?

The stolen hurdle

A farmer bought six sheep and planned to confine them in six pens made with thirteen hurdles, as shown in Fig. 1. On



returning to his farm he discovered that one of the hurdles had been stolen. Can you set out twelve matches in such a manner that they illustrate how the farmer actually managed to use the remaining hurdles to confine his six sheep? The pens must all be equal in area.

FIG. 4

A baffling fraction

Set out the fraction 1/7th in Roman numerals using six matches as in Fig. 2. You are asked to alter the position of one match and thereby make the fraction equal to one.

Making ones

Fig. 3 shows how four matches can be arranged so that they express a value of one. Can you employ the four matches to indicate three other ways of expressing the same value?

The four triangles

It is possible to make four equal sided triangles, each side of which is the length of one match, using only six matches. How may this be done?

The sixth square

If you examine Fig. 4 you will be able to count a total of five squares, including the large square which bounds the whole figure. Your final problem is to alter the position of one match so that an extra square is added to the arrangement.

You will find the solutions on page 205.

... and Puzzles with Paper

RY your wits and practical skill by attempting to solve these four novel puzzles, which can be made out of stiff paper, or thin cardboard.

The windball

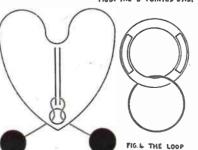
Fig. I illustrates a 'Windball' which can be constructed from three 4in. diameter paper discs. It will be observed that the planes of the three discs are at right angles to one another. Actually the 'Windball' is an old form of paper toy which will travel long distances over a fairly flat and even surface, if it is allowed to be blown by the wind. Your problem is to make the 'Windball' merely by cutting a number of slots in the paper discs and then fitting the three pieces together. This must be done without cutting more slots than are absolutely necessary for the fitting to-gether of the toy and without using any kind of adhesive material.

The heart and flowers

Fig. 2 shows you how the paper heart should be cut out of paper. The 'Flowers', which can be decorated cardboard counters or ornamental buttons, are secured to the heart by means

the diagram. The object of the puzzle is





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FIG 2 THE HEART AND FLOWERS

of a piece of thin string, according to to remove the 'Flowers' from the heart without in any way damaging the apparatus or releasing the 'Flowers' from

The five-pointed star

A lady by the name of Betsy Ross is said to have invented this puzzle and shown it to George Washington, although it is not possible to say whether or not this is true. You are required to take a square sheet of paper and to fold it up in such a manner that by making only one straight cut across the paper with your scissors, you will be able to obtain the five-pointed star shown in Fig. 3.

The loop and bracelet

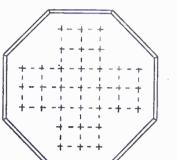
The parts of the puzzle are made from a cardboard ring from which two curved slots are cut (see Fig. 4), and a string or paper loop which is hung on to the slotted ring. Your problem is to take the loop off the 'bracelet', without damaging the two pieces. This might seem impossible at first try, but it can be done.

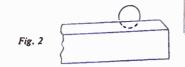
If any of the puzzles have you beaten, turn to page 205, where you will find the solutions.

World Radio History

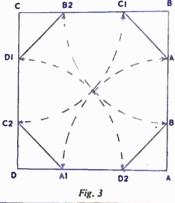
A SOLITAIRE BOARD

HE board is carefully marked out in \$\frac{1}{4}in\$, squares. A depression is made at the intersections of all the lines shown in the diagram, these being to hold the marbles or ball bearings used in the game. The best method of making these depressions is by using a \$\frac{1}{4}in\$, morse drill in a power drill and so adjusting the stop to ensure uniformity of





CUTTING LIST I piece 7ins. by 7ins. by ‡in. Hardwood.



depth. Fig. 2 gives some idea of the relative depth required.

After making these depressions, shape the board into a regular octagon by measuring along adjacent sides from each corner a length equal to half a diagonal. For clarification of this point see Fig. 3. Here, instead of measuring a compass has been used from each corner in turn, the radius being equal to half the diagonal, and then the eight points on the sides are joined.

Work a chamfer all round, then oil and/or wax. Fill every hole with a marble or ball bearing except the centre hole. Now, by means of horizontal or vertical 'jumping' and removing marbles just as draughts are taken, the object is to finish with one marble on the board and this in the centre hole. (K.J.)



A REAL MINIATURE

The model is of his own design, of no particular ship, and is only slightly longer than a Swan Vestas matchbox. It contains all the details to be found on the largest models, from the ornamentation down to the normal deck fittings and cannon, etc.

To give some idea of the sizes Mr. Bates worked on, the cannon are in long, turned complete with barrel rings and touch hole. The galleon is made solely from English oak except for the masts, which are beechwood. The ornamentation is all completely separate carving.

As Mr. Bates remarks, 'with all these ready-made plastic kits coming on to the market, I feel the art of modelling must not be allowed to disappear'— a sentiment with which we heartily concur.

UR photograph above shows a model galleon made by Mr. D. H. Bates of 2 Grange Terrace, Pettinain by Lanark, Scotland, which won for him first prize in the model section at the Scottish Command Arts and Crafts Exhibition held at Edinburgh Castle this year.

Mr Bates has always been interested in modelling ships, and has completed several of the larger models from Hobbies range, including the 'Revenge'. It has always been his ambition, however, to see just how small a galleon could be modelled without losing too much detail, and his prizewinning effort is the result.





TOBOGGANS FOR FUN IN THE SNOW

ATHER will be a hero if he prepares a toboggan in good time for the snow and ice. The time for fun in the snow is usually short, so it pays to be ready when it comes.

The two designs shown are quite simple to construct since difficult joints are purposely omitted. Screws and nails may be used throughout and waterproof glue added if desired.

The diagram in Fig. 1 shows a design which is intended for one, two or even three riders. The length can of course be altered accordingly, but the construction will remain the same.

The two runners (A) are cut from 3in by \(\frac{3}{2} \) in. wood and are shaped at each end. Two oval holes are cut to form hand grips when the toboggan is used lying

short length of cord. Plywood about lin. thick may be used in place of the boards (B), but it should be well painted and not be allowed to stand out in the rain.

Models for

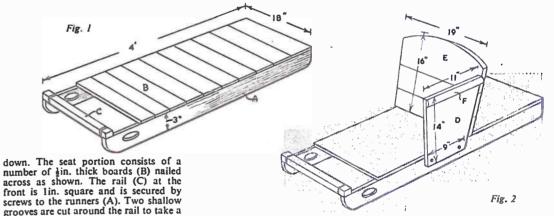
and adults

children

The second design provides for a seat for a child. It is intended in this case that the toboggan should be drawn along by

the cord attached to the front rail (C).

The sides (D) of the seat are cut from in plywood as indicated in Fig. 2. Two holes are drilled in each side to take round-head screws which fix into the runners. The seat can thus be removed fairly quickly.

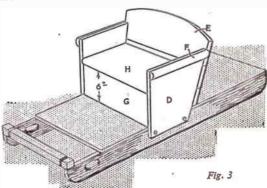


Nail or screw the back pieces (E) to the sides and then fix the seat. The two pieces (G) and (H) are cut to fit and the front edge of (H) nicely rounded.

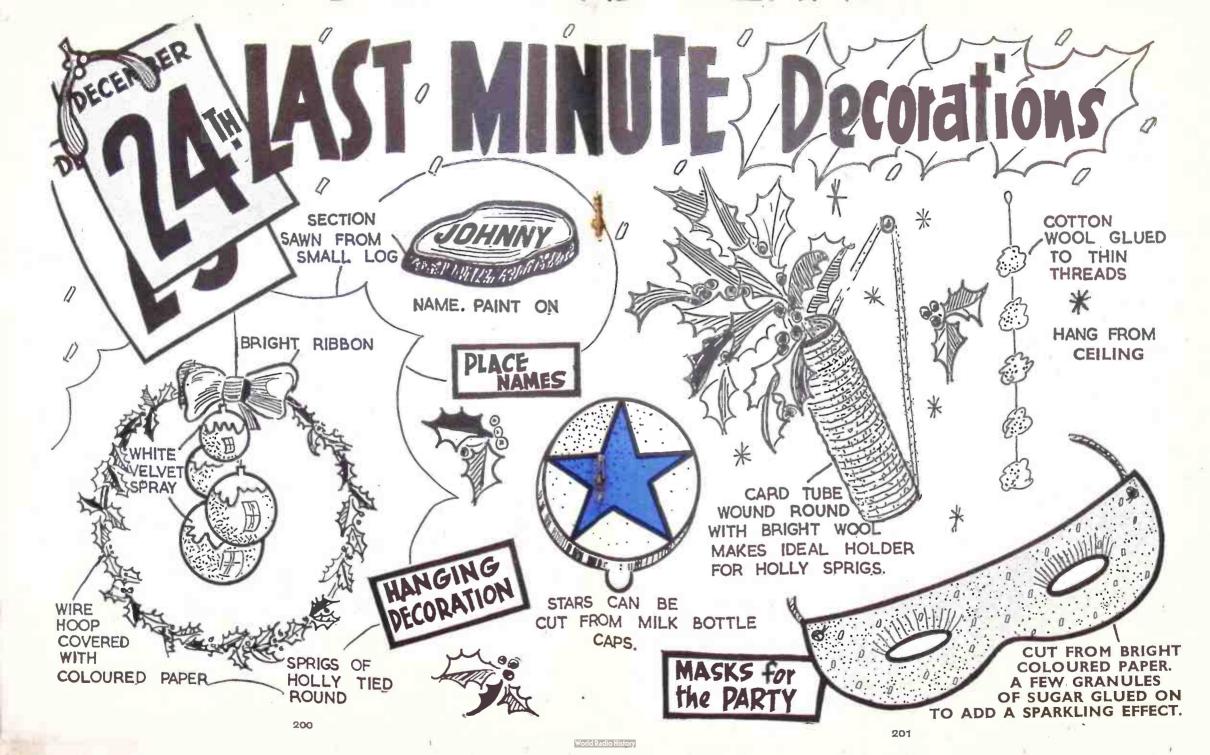
Finish off by screwing the arm rests (F) in place. These are cut from 1 in. by in. strip which is rounded as shown.

Toboggans should be given a coat of wood preservative before painting, but it is not recommended that creosure should be used. Although a good preservative it will be found that painting afterwards without special preparation is difficult. Rather use a clear preservative that does not stain the wood.

Pay particular attention to the runners before use, rubbing down with medium and fine glasspaper to obtain a smooth finish. (M.h.)



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THE threat of atomic war. Russian satellites and the possibility of man reaching the moon are events which have turned many people's thoughts to religion. The Christmas story reminds us that God is very real, and that He alone can save the world.

Take for example the German spirit label which brings to mind the carol:

See, amid the Winter's snow, Born for us on earth below, See, the tender Lamb appears, Promised from eternal years. Hail, thou, ever blessed morn! Hail Redemption's happy dawn! Sing thro' all Jerusalem: Christ is born in Bethlehem.





Here's a perfect setting for page one of your album, and some appropriate

The Christmas-tree was once a symbol of the Tree of Knowledge. A belief on tradition to this effect was once current among the early Germans.

The Romans made use of pine-trees in their religious festivities. Among the Goths, some of the Germans and the Scandinavians trees were adorned at Christmas-time for the delight of children. The tree used for this purpose was then, as now, the fir-tree.

Legend connects Father Christmas with a bevy of elves and gnomes. A number of small figures dressed in the traditional garb of brown with hoods and wide collars of cheery-red adds character to the tree's decorations. Oranges and rosy apples suspended by ribbons will fill up bare spaces.

The use of mistletoe has connected with it a pretty legend. The Northmen looked upon the oak as a holy tree; and as on this holy tree they found the mistletoe growing green in winter, they

held it sucred to Baldur, the Sun-God. Their reason was this. The myth of Baldur, which has formed the subject of many fine poems, tells how the Sun-God, after having been put to death through the treachery of dark-hearted

Hoedur, had risen to life again. So the mistletoe - of living green, when all the trees of the forest seemed dead - was

······ A CHRISTMAS ALBUM

− By R.L.C.

chosen as his emblem, and every year the Goths and Scandinavians decorated their homes with its boughs.

Christmas is a good time for collecting material for pen friend exchange — Christmas cards, seals, catalogues, trade labels and cards, etc. Save all items which come to hand. Your friends abroad will send material of your choice

Remember that the whole purpose of this festival is to give honour to the name of Jesus, who came into the world at this time for our salvation. With this aim in view open your Christmas album, send a cameo and brief description to your pen friends.

Teach, O teach us, Holy Child, By Thy face so meek and mild. Teach us to resemble Thee In Thy sweet humility! Happy Christmas.

Club Personality

AN STILL, of 4 Mayfield Gardens, Aberdeen, Scotland, collects stamps and labels. He is 34 years of age, has been married ten years and is very proud of his 6 months old son.

During the war he joined the R.A.F. and saw service in England, South Africa and India. Ian did a good deal of travelling about in India and studied the customs of the people.

After the war he took up watch and clock repairing as a hobby until things came back to normal, and since then has branched out in the 'do-it-yourself' field.

Ian has made many of the designs featured in Hobbles Weekly - the last one being a child's cot for his son.







POST BEFORE DECEMBER 31st-or you may be too late for the next entry! Apprenticeships 15 to 17

Send for FREE booklet! To: R.A.F. (H.S. 83), Victory House, London W.C.2.

I am under 17, and British. Please send without obligation the R.A.F. Apprenticeships booklet.

Date of Birth_ If you're under 15-join the Air Training Corps!



PARTY GAMES FOR ALL

ROBABLY the best part of any party, is in its preparation, and there is little doubt that there will always be a demand for some games.

If you wish your party to be a success it is just as essential to make suitable preparations for the games as for the catering and here we describe something to keep the children happy, yet amuse the adults. There are sitting down games of the quieter type while the meal digests with some livelier games for later. They can be arranged to suit all ages, temperaments and intellects.

Drawing game

Despite its name no one need be an artist to play it, in fact, the fun of the game depends on bad drawing! Hand a plain piece of paper out for the sketch giving with it the name of an animal written on a small slip. Both pieces of paper should bear the same number. For example, number I is written on the back of the plain piece of paper and the same number on a small slip bearing the word SPIDER; number 2 maybe a mouse and so on. Players are requested to destroy the name slip or hand back to the leader when the task has been noted, and sketching starts when all guests have their equipment.

When the sketches have been finished they are collected and new pieces of paper handed out for the answers -- and this is where the fun really starts. The spider may look like anything from an octopus to a bagpipe, while a mouse may look like a horse, and seeing that no one knows the real artist remarks are often amusing.

So the second part of this game is in naming the animals depicted by the artists. If you keep a key list of what they should be, exhibiting later on the mantelpiece, you will be just as surprised, and the winner is the one with the most correct.

Advertisements

Here we have an easy game which requires a little previous preparation. Cut out some popular advertisements from your magazines and newspapers. and mount separately on thin card. Before mounting these cuttings you must remove any name or brand mark likely to provide a clue to the manufacturer, for the game is to guess the advertiser's name. This may sound easy until tried, but some of the most popular advertisements can be teasers, especially those for well-known brands of washing soaps and powders which are nearly, but not exactly, alike. From one dozen to twenty

will be quite sufficient for the game, each card numbered and a key list retained, the one with most correct being the winner.

Jumbled words

This is another quiet sitting down game that requires a little preparation. Players have to sort out names from jumbled letters. Use postcards for the jumbles, which should be neatly printed in block letters and again numbered as in our illustration. Here we have suggested 'Jumbled Flowers' and the one shown may be a teaser for it is not a common flower. Actually the flower word jumbled is URSINIA, perhaps you may not have heard of it before so here are some further difficult ones for your cards: tagetes, eschscholtzia, collinsia, asperula, leptosiphon, nemophila, saponaria, limnanthes and salpiglossis.

There are many other types of jumbled words and the supply is almost inexhaustible. We can have fruits, towns, seaside resorts, counties, countries, vegetables, politicians, musicians, artists and authors. The choice you make depends on your guests of course, they may be simple for children or harder for the undergraduates. Here again you will require about twenty different cards, which once made, will last indefinitely. The winner is the one with most correct.

Here is a game to suit the enthusiastic gardener. If you have any old flower seed packets, or flower seed catalogues. cut out the pictures for pasting on to postcards. Number each card and prepare a key list. The game is to name the flowers from the pictures. Many catalogues are issued at this time of the year and contain coloured pictures of flowers so you should not have any difficulty. Alternatively, you may be able to get an old catalogue from a friendly gardener or seedsman.

Consequences

No party seems complete without the game of Consequences, so here it is again for those who may have forgotten it.

Each player is given a sheet of paper and a pencil to write down the questions read out by the host. As each question is answered the paper is folded over and passed to the next player on the right and who must not look at the last player's answer. In turn this player folds over the paper after adding his own particular answer, passing to his neighbour as before. At the end, each one reads the paper he holds. This is how it should go:

MAN'S NAME . . . met . . . GIRL'S NAME...at...PLACE...on...HE SAID TO HER . . . SHE SAID TO HIM ... AND THE CONSEQUENCE WAS... You may add one or two more of your own invention if you like, but this standard form can produce some amusing results.

Telegrams

Allow any guest to select a short word from a current newspaper. All are given a piece of paper and a pencil and asked to prepare a telegram, using each letter in the given word as the initial letter of a word. For example, if the selected word is PARTY, a telegram could read 'Please Ask Ronnie This Year'. If you still have some prizes left, give one to the writer of the most sensible telegram.

Cutting the chocolate

By now, the meal should have settled and the guests are ready for a livelier game. You will need a pair of large, white gloves - borrow these from a policeman - a knife, fork, dinner plate. card table, dice and shaker and a bar of chocolate. The dice is thrown and the first guest throwing a six starts the game. He, or she, dons the white gloves, takes up the knife and fork and cuts away at the chocolate, eating the part removed. He can carry on eating the chocolate until the next guest shakes a six.

This, you will discover, becomes rather a fast game and the dice is quickly passed from player to player in the hope of shaking a six, and often the gloves are only just donned when they have to be removed! If you wish, you may leave the paper wrapper on the chocolate, it may steady the pace a little. Incidentally, the player in possession is always allowed to continue eating until dis-

Cutting the flour

For this game you will need a dinner plate with a little square of flour in the middle of the plate. Make this flour about one inch deep and about three inches square, using a knife for preparation. In the centre of the square of flour place a match so that the head is downwards. The game is for each player in turn to cut away a portion of the flour, pushing it to one side of the plate, until the match falls. The player causing the match to fall pays a forfeit by being ordered to pick up the match in his teeth. You have to see the result of this feat to appreciate it in full, but it is a good party game.

Passing the box

Now that the party is really in full swing perhaps we can have some team games. Line each team up, one behind the other, giving a matchbox cover to the leaders. Each leader places the cover on his nose, and without using the hands has to pass the cover to the nose of the next player. The cover goes from nose to nose right to the last player, and the first team to reach the last player wins the match. If the cover is dropped at any point during the game, it goes back to the leader for a fresh start. And here's a tip to make it funnier. Arrange the teams so that, if possible, you have a tall person and a short person alternately.

Balloon football

This game is a firm favourite with all

ages and you may either have teams for this or play in doubles like tennis - it may give the others a rest! Points are gained, or goals scored when either team allows the balloon to be grounded. Five goals are allowed to the side bursting the balloon. It is a decided advantage here if you can arrange a 'court' or 'field' so that there is no trespassing. To achieve this, make the players stand or sit behind a row of chairs.

Musical parcel

For this game you will require the services of a pianist or the aid of the gramophone. You ought to know this popular game well enough. A small prize is wrapped in a parcel, tied with string and made into a bigger and bigger parcel by more wrapping and string. It is passed round from player to player while the music is playing but when this stops the player in possession is allowed to start opening. When the music starts again the parcel travels again. This proceeds until the parcel is opened, that player taking the prize.

Terminations

Now for a quieter and more studious type of game. Each player is given a sheet of paper and a pencil and asked to write down as many words as possible ending with 'tion'. For example, we may have coronation, consternation, confirmation and so on. You may play this game for as long as you like, and to be determined by a time limit, awarding the prize to the most intelligent of the (S.H.L.)

Answers to Puzzles

PAGE 195

Fun with figures 1. 8 1 6 3 5 7 4 9 2	2.	32 57 89 6 4 1	This shows another example.
		100	

'Do-It-Yourself-ers' .- Bend the sheet of paper almost in two and thread the strip of paper formed by the two slits through the hole underneath. When a good sized loop of paper has traversed the hole, the thread and buttons will drop clear.

Space shortage — Wheelbarrow, yacht, spanner, yale key, hot water bottle, cricket bat, kite, star, jug, ladder, TV aerial, travelling case, pen, mallet, trowel.

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Christmas Quiz-1.—1. Sir Isaac Newton born December 25th, 1642. 2. In Carinthia, Austria. 3. 195. 4. This country by an old law of 1644! 5. Greece - in memory of the Bethlehem stable. 6. Prince Albert, in Windsor Castle, 1844.

Hidden words.—1. Turkey; 2. Carol; 3. Stocking; 4. Santa; 5. Cracker; 6. Trimming; 7. Holly; 8. Presents.

Hand magic.-Place your right hand on your left elbow.

Christmas Quiz-2,-1. The names given to three of Santa Claus' eight reindeer by American children. The others -Prancer, Vixen, Comet, Cupid and Blitzen. 2. 1 in 14. 3. First turkey brought from America on one of the trips made by Sebastian Cabot, the Bristol mariner. 4. Wednesbury. Three each year from bequest made by Joseph Hopkins, philanthropist. 5. England - cards; France — crackers; Germany—presents. 6. Holland. Children leave carrots and hay in stockings which is collected and replaced with toys by Santa Claus.

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Match Tricks

The diagrams will mostly explain themselves. In Fig. 3 one divided by the square root of one equals one.

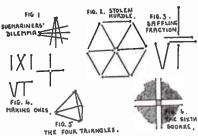


Fig. 4 illustrates three other ways of expressing a value of one with four matches, (viz. 1 × 1, 1÷1, and the square root of one). The Sixth Square is obtained by slightly shifting one of the matches away from the centre. The miniature square space which is thus formed is shown in Fig. 6.

See Fig. 1. Cut the slots in discs (A), (B) and (C), as shown. Now fit (B) over (A) and then place (C) over the com-205

bination of discs (A) and (B). The windball is now complete. If you use coloured paper discs the toy will look very attractive.

The heart and flowers

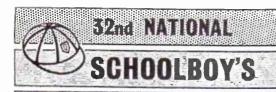
Bend over the heart so that you can pull the centre strip through the small hole in the base. It will now be an easy matter to slip one of the 'Flowers' through the loop thus formed and so separate the heart from the 'Flowers'. Make the heart of bright red paper.

The five-pointed star

Simply fold your square according to Fig. 2 and cut along the line which is shown dotted. Note that there is a further fold down the centre before cutting as at D. This method of cutting a paper star will be of use when you are making Christmas decorations

The loop and bracelet

The solution will probably infuriate you! All you have to do is to hold the bracelet so that it does not actually touch the loop. You have taken the bracelet 'off' the loop.



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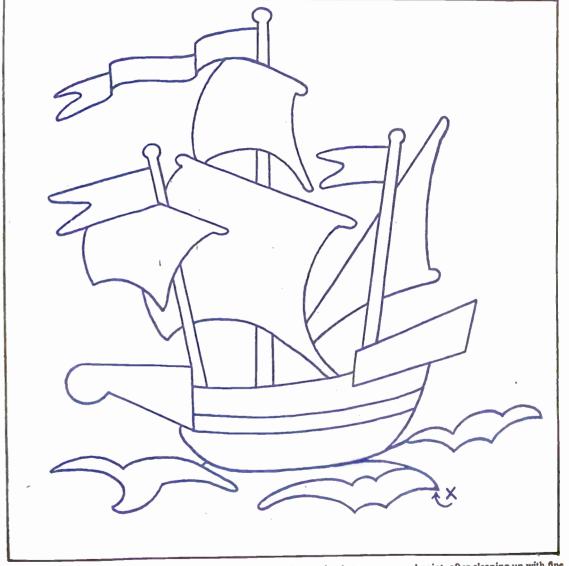
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Job for the fretsaw

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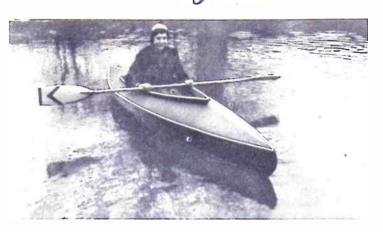
RACE the pattern and transfer by means of carbon paper to lin. plywood. Make one drill hole at (X) on the pattern, insert the fretsaw and cut out all the pieces.

Colour the various pieces with plastic

enamel paint, after cleaning up with fine grade glasspaper. Two or three coats will be sufficient. (M.p.)

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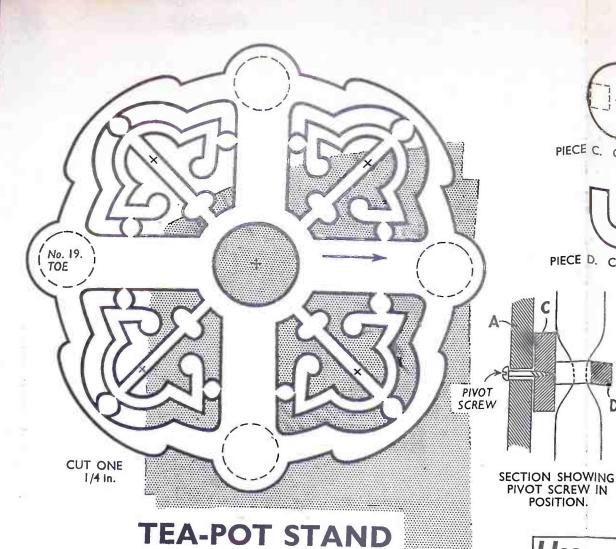
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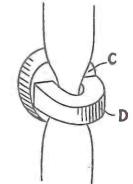


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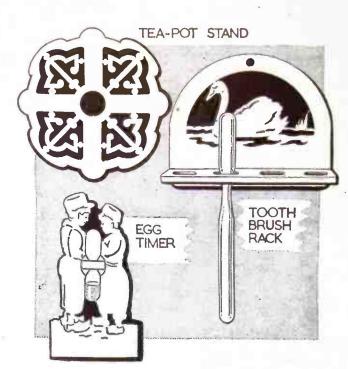


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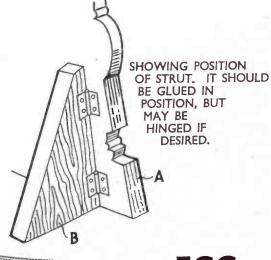
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