




Home Learning Grid Year 2

Week Commencing – 29.06.20

Work to be completed in home learning books



	1	2	3	4
English	First News Read the First News articles below and have a go at the questions. Which is your favourite? Are people at your house thrilled to have football back?		Young Readers Story Club Enjoy this second episode with writer, poet and playwright Cecilia Knapp and the storyteller Jumana Moon. Try the task.	SPaG Challenge Have a go at the SPaG challenges below.
Maths	Measure Complete the 'Measure mass in grams' task below. Click here for video tutorials.	Measure Complete the 'Measure mass in kilogram' task below. Click here for video tutorials.	Measure Complete the 'Compare volume' task below. Click here for video tutorials.	Measure Complete the 'Millilitres' task below. Click here for video tutorials.
Outdoors	The Big Den Challenge			
	Let's Make a Den!!! Whether it's inside or outside, let's try to make a den. Your very own place to relax, paint, work, sleep, read – whatever you want. See below for help.	Home Scavenger Hunt Use your den as a base to collect as many of things as you can from our home scavenger hunt.	Be the King or Queen You have a den? Check. Now you are the king or queen of the castle, you'll need a crown too. Read below.	Relax and Read in Your Kingdom Send us a photo, on Seesaw, of you reading a good book in your den.
PE	School Games Active Championships 			

As you are aware, the Oak National Academy also provide a wealth of learning opportunities during the national lockdown. These can be assessed here: <https://www.thenational.academy/online-classroom> . We understand that some families may prefer to work from these materials and this is absolutely fine. Our new grids will hopefully encourage children to use the final few weeks of term to get outdoors where possible and be creative. We are thrilled to see so many children learning at home and taking the opportunity to also do all kinds of things at home which are not usually taught in the classroom. We would like to sincerely thank everyone for their support during this strange time.

HOME NEWS

LAKE DISTRICT

HIDDEN TUNNEL UNCOVERED

A VICTORIAN tunnel has been uncovered during a multi-million pound project to create a new path. The passage had been blocked up for the past 50 years. It was built in 1872 for a railway line that carried coal between west Cumbria and Durham. Around 3,000 tonnes of material had to be removed from the tunnel, which is 80 metres long. The tunnel was filled in after the railway line was scrapped in the early 1970s. The new path is due to open in December.



WORTHING

A RUBBISH JOURNEY

A RUBBISH bin that was thrown off Worthing Pier has washed up 450 miles away on a beach in Germany. The litter bin was thrown into the sea by vandals six months ago and has recently washed up on Borkum, a small island in northwest Germany. It is now being used as a plant holder!



WINDSOR

HRH'S VIDEO CHAT

THE Queen has taken part in her first official video call. The video chat took place as part of Carers Week, which celebrates people who have to look after other people. Princess Anne, the Queen's daughter, joined the call too. The monarch chatted to four carers about the difficulties they face during the coronavirus pandemic. The Queen praised them for their hard work.



Questions on: 'Home News'

1) Match the place to the correct headline.

- Windsor
- Worthing
- Lake District

- Hidden tunnel uncovered
- HRH's video chat
- A rubbish journey

Look at the news from the Lake District.

2) Why was this tunnel built in 1872?

3) Which question **can't** you answer after reading the story?

- When did the railway line close?
- Why was the tunnel filled in?
- Why has it been unblocked now?

Look at the news from Windsor.

4) Who did the Queen chat to on a video call, and why was this group of people chosen?

Who:

Why:

5) What do you think HRH stands for?

- His Royal Highness
- The Royal Elizabeth
- Her Royal Highness

Look at the news from Worthing.

6) What is a **vandal**?

7) Fill in the details of the bin's adventure, told from the bin's point of view.

One day, about six _____ ago, I was thrown into the sea from a _____. I floated _____ miles away to an _____ in Germany called _____, where I have a new life as a _____!

Consider all the news.

8) Which story do you think is most likely to be in the news again in the future? When do you think it might be back? Explain your choices.

ANIMAL NEWS

OFF THE MENU

CHINA has said that pangolin scales are no longer on the list of ingredients for traditional Chinese medicine.

It has also raised the protection level for pangolins to the highest level. Both changes are fantastic news for pangolins, which have come very close to extinction. As many as 200,000 pangolins are killed illegally each year for their scales and meat. Pangolins are very unusual, ant-eating mammals, covered in scales.



SHARK SECRETS



If you were asked to picture a great white shark, you might imagine its big fin poking above the surface of the sea and terrifying anyone nearby. In fact, these fearsome predators spend a lot of their time feeding on the seabed!

Experts in Australia have studied the food in the stomachs of 40 young white sharks. They found the remains of many fish that only live on the sea floor. This proves that the sharks spend a lot more time feeding along the seabed than previously thought.

PENGUIN RESCUE

THE supermarket chain Iceland has adopted every penguin at Chester Zoo! The company offered to help following an appeal by the zoo, which was at risk of closing down because of the coronavirus. Without any paying visitors, the zoo was racking up huge debts. It needs £1.5 million just to survive each month. Thankfully, the Government has now allowed zoos to reopen to small numbers of visitors.



One of five penguin chicks that hatched during lockdown

Questions on: 'Animal News'

- 1) Three animals are in the news. Which country does each news story come from?

The animal	The country
Penguin	
Pangolin	
Great white shark	

- Look at the news story 'Off the menu'.

- 2) To which animal group do pangolins belong?

- mammals
 reptiles
 amphibians

- 3) Why are so many pangolins killed illegally every year?

- 4) What part of a pangolin has been used in Chinese medicine for a very long time?

- Look at the news story 'Shark secrets'.

- 5) Find the description used by the journalist that means 'frightening hunter'.
- 6) Can you explain how scientists proved that sharks spend a lot of time feeding on the seabed?

- Look at the news story 'Penguin rescue'.

- 7) What is 'Iceland' in this story?

- A country
 The name of a penguin
 A shop

- 8) Can you explain why Chester Zoo almost had to close down because of the coronavirus?

- 9) Many people have donated money to the zoo. How has Iceland helped?

Why do you think it chose this particular animal?

Circle the conjunction in each of these sentences.

The chocolate eggs melted when she left them out in the sun.

We were wondering if we would have a surprise.



a

Write these verbs in the past tense:

run hop skip



b

Underline the expanded noun phrases.

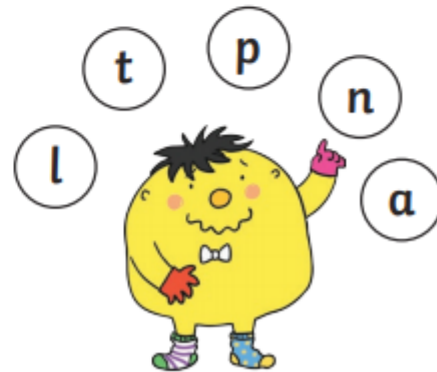
They were selling some cute, fluffy kittens.

The wild, striped tigers were running free.



c

Which year 2 common exception word has Mr Whoops been juggling with?



d

Find the hidden words.

badge	j	j	a	c	k	e	t
fudge	a	d	j	u	f	f	m
village	c	t	d	u	f	f	f
giraffe	t	s	u	j	d	a	u
jacket	e	g	d	a	b	r	d
adjust	t	o	c	o	i	i	g
	v	i	l	l	a	g	e

e

Use the picture clues to write the compound words.





f

Measure mass in grams

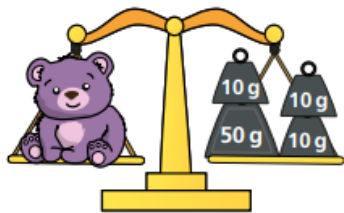
1 What is the mass of each object?

a)



The pencil has a mass of g.

b)



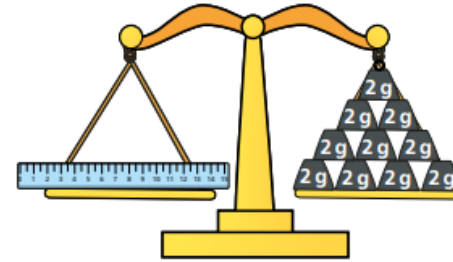
The teddy has a mass of g.

c)



The apple has a mass of g.

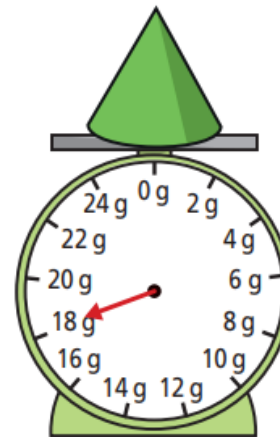
2 How many grams does the ruler weigh?



g

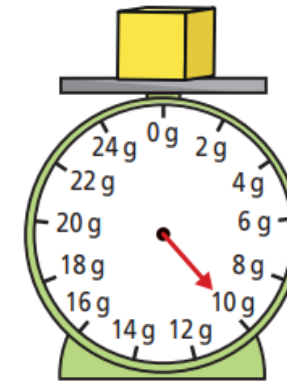
3 What is the mass of each 3D shape?

a)



g

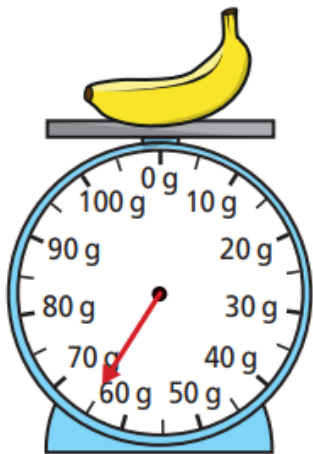
b)



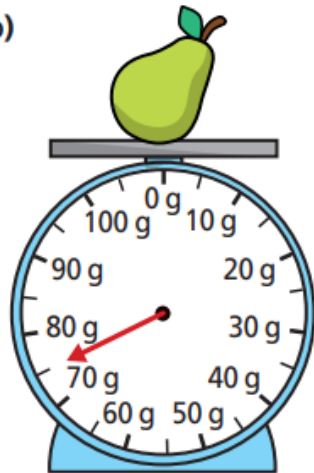
g

4 What is the mass of each piece of fruit?

a)

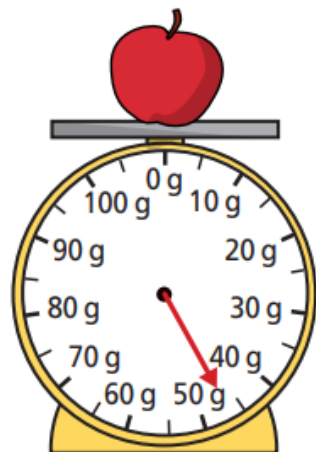
 g

b)

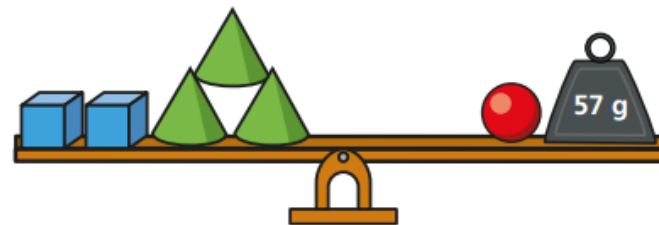
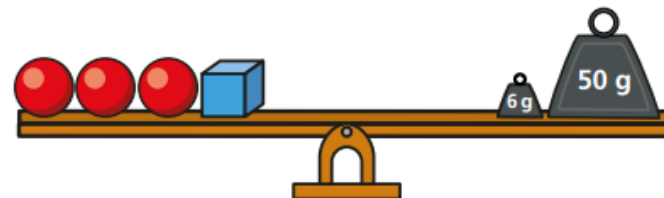
 g


c) Which piece of fruit is heavier? _____


5 Estimate the mass of the apple.


 g

6 Work out the mass of each 3D shape.



 = g

 = g

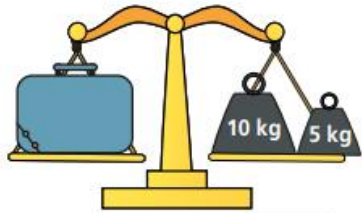
 = g

How did you work them out? Talk to a partner.

Measure mass in kilograms

1 What is the mass of each object?

a)



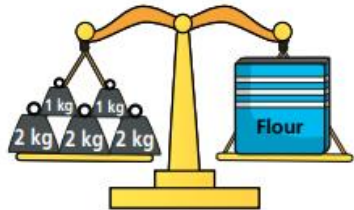
The case has a mass of kg.

b)



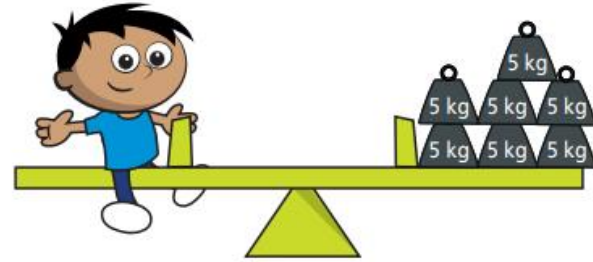
The robot has a mass of kg.

c)



The box of flour has a mass of kg.

2 How many kilograms does Amir weigh?



kg

3



a) Circle the weights that will balance the scale.

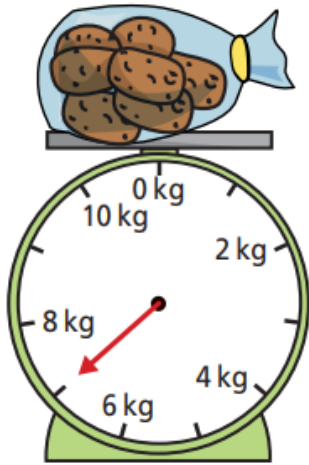


b) Find another way. Circle the weights.



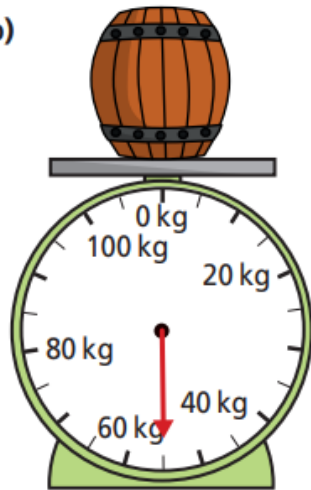
4 What is the mass of each object?

a)



kg

b)



kg

5 a) Mo weighs his dog in January and June.

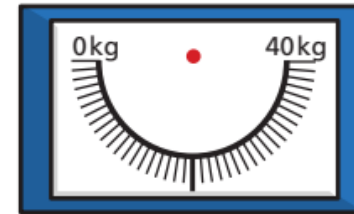


How much heavier is the dog in June?

kg

b) By December, the dog's weight has increased by another 10 kg.

Draw an arrow to show the weight of the dog in December.

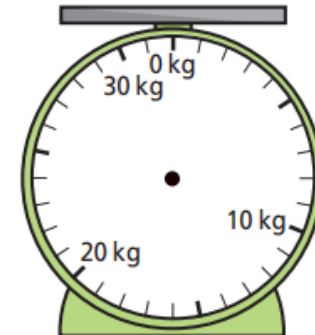
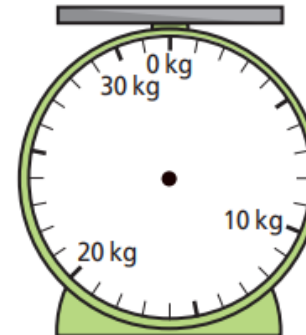


By December, Mo's dog weighs kg.

6 Mark the mass on each scale.

a) 15 kg

b) 27 kg



Compare volume

1 Here are three glasses.



A



B



C

- a) Which glass is empty? _____
- b) Which glass is half full? _____
- c) Which glass is full? _____

2 Tommy has some milk in a glass.



Circle all the glasses that have more milk than Tommy's.



3 Eva, Ron and Amir have some juice.



This is my juice.

Eva



Shade the glasses to show how much juice Ron and Amir could have.



I have more juice than Eva.

Ron



I have less juice than Eva.

Amir



Compare answers with a partner.



- 4 Which fish tank contains less water?
Tick your answer.



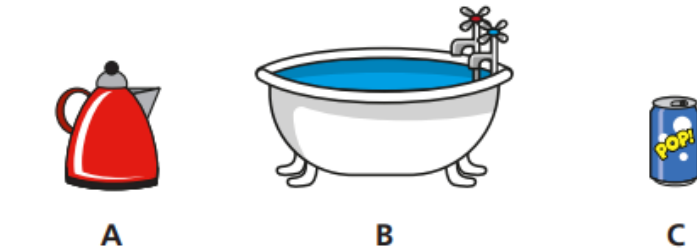
- 5 Tick the object with the greater capacity.



- 6 Tick the object with the greatest capacity.



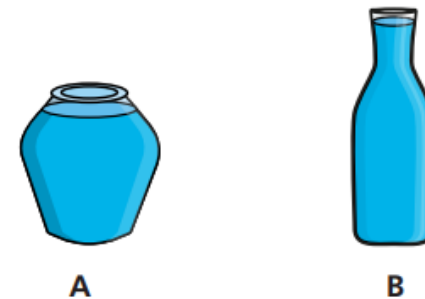
- 7 Put these objects in order of how much water they can hold.
Start with the object that has the smallest capacity.



smallest

greatest

- 8 Whitney says B contains more water than A.

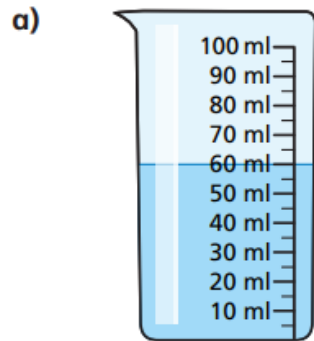


Why might Whitney think this?
What could she do to check?

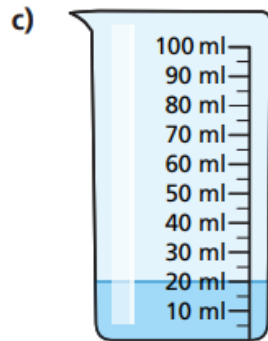


Millilitres

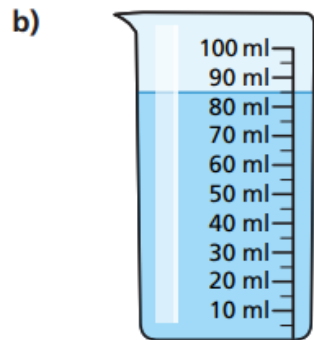
1 How much water is there in each beaker?



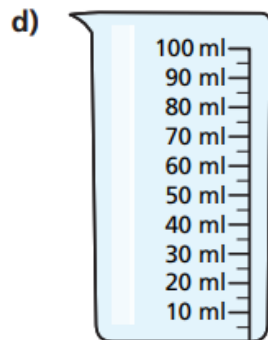
ml



ml

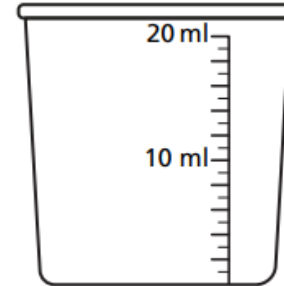


ml



ml

2 Jack pours 12 ml of water into a measuring container.



Draw a line to show where the water reaches.



3 A teaspoon holds 5 ml.

A tablespoon holds 15 ml.



5 ml



15 ml

Work out the total capacity of the spoons.



ml




ml




ml

- 4 A recipe includes 45 ml of lemon juice.


I can measure this using a teaspoon.



Dora



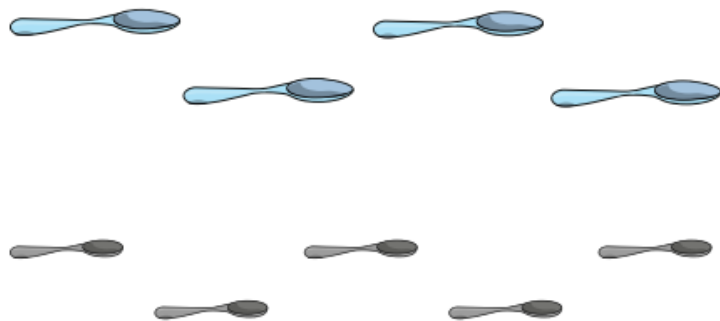
teaspoon 5 ml



tablespoon 15 ml

a) How many teaspoons is 45 ml?

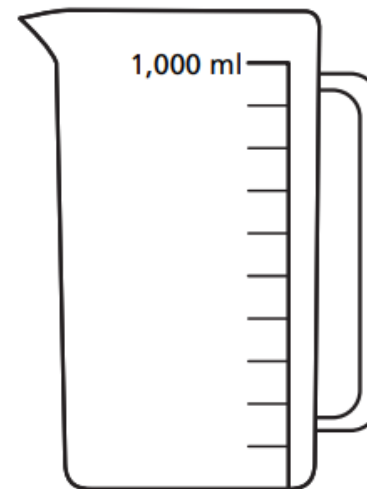
b) Find another way of measuring 45 ml.
Circle your answer.



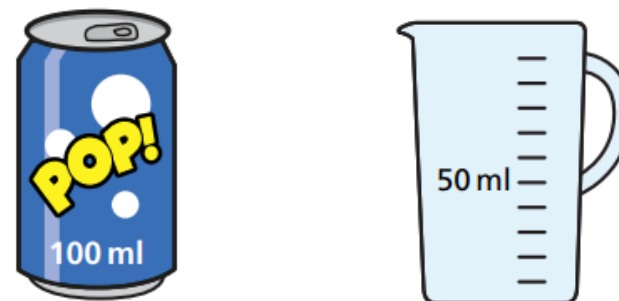
- 5 How can you work out the capacity of an egg cup?
Talk about it with a partner.



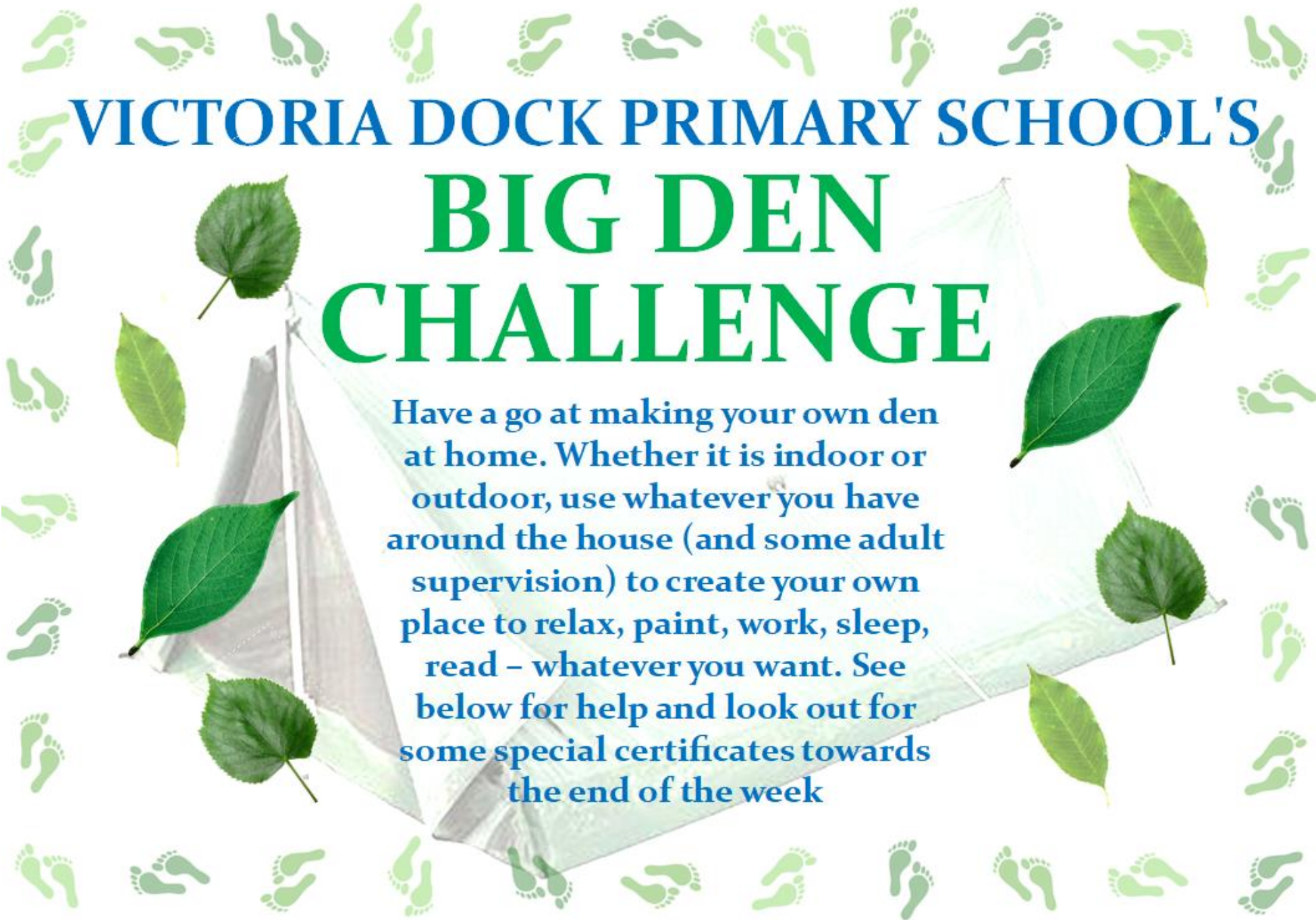
- 6 Draw a line on the jug to show where 500 ml of juice would reach.



- 7 Mo opens a can of drink.
He pours it all into a measuring jug.



Draw a line to show where the drink will reach.



VICTORIA DOCK PRIMARY SCHOOL'S

BIG DEN CHALLENGE

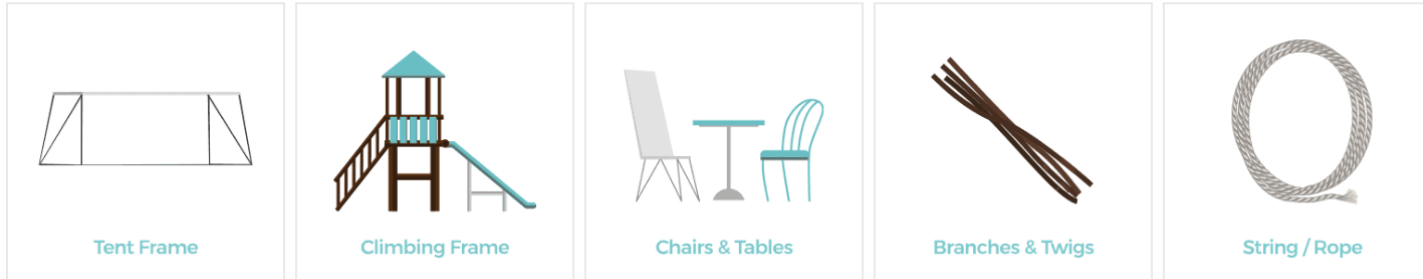
Have a go at making your own den at home. Whether it is indoor or outdoor, use whatever you have around the house (and some adult supervision) to create your own place to relax, paint, work, sleep, read – whatever you want. See below for help and look out for some special certificates towards the end of the week

Outdoor – Den Building

This week's challenges all revolve around making some kind of den. This can be inside or outside. (We can never predict the weather.) Here are some different instructions for making a den at home. Be as creative as you'd like.

This family furniture website has lots of different ideas for making your own den. I particularly love the fairy light idea. Visit <https://www.noaandnani.co.uk/den-building-ideas-for-the-best-dens-ever-i43> for more but below are some things to get you started.

Stuff for the Structure



Shelter & Extras



You'll need something to make your den comfy and cosy!

Use battery or solar lights to decorate

Sweets, popcorn, games and books add fun!

1. Use Ready-Made Structures

If you have family tents or if you have a climbing frame in your back garden, these make excellent ready-made structures to form the basis of your den. You can drape your sheets or tarpaulins over the top and add other structures onto the sides to make giant mansion dens (if you're feeling ambitious).

2. Garden Furniture Fortress

If you're struggling for a structure, garden furniture makes the perfect solution. If you have 4 or 6 garden chairs, try arranging them back-to-back with space in the middle. This provides a support structure for you to drape a sheet or tarpaulin over the top, creating an instant den. Garden tables also make the perfect starter structure; simply drape over a sheet and you've got a cosy hiding place with a ready-made roof.

3. Building with Branches

If you're lucky enough to live near woodland, you can go foraging for fallen branches and twigs to use as your outdoor den structure. Make sure these really are already on the ground, and don't be tempted to remove them from their trees yourself. Your den should not harm the natural world around you. The bigger branches can be leaned up against one another and tied to form a basic den structure, while smaller bendy twigs can be woven between to fill in the walls.

4. Waterproofing

The most challenging element of building outdoor dens is making sure they are waterproof, just in case the heavens open. With any luck you'll get a nice sunny, dry day, but it pays to be prepared. The best things to use for waterproofing your outdoor den are plastic sheets and tarpaulins, as these are completely waterproof and very easy to work with. Or, if you want your den to be completely natural, you can use leaves. The bigger and broader the leaves the better, but make sure these are already on the ground and you're not taking them off living trees. You'll also need lots and lots to make sure your den doesn't leak; try layering up leafy branches and twigs to fill the gaps.

5. Painting Personalisation

If you've created your den walls using cardboard or branches, why not give them a lick of paint to create a colourful, personalised look? You can paint your branches in all kinds of colours or paint yourself your very own front door and some windows if you're using cardboard walls. Just make sure you only do this on a dry day and don't paint anything important like your garden furniture or climbing frames!

6. Something to Sit On

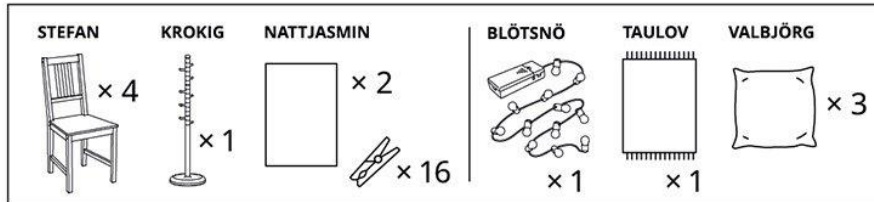
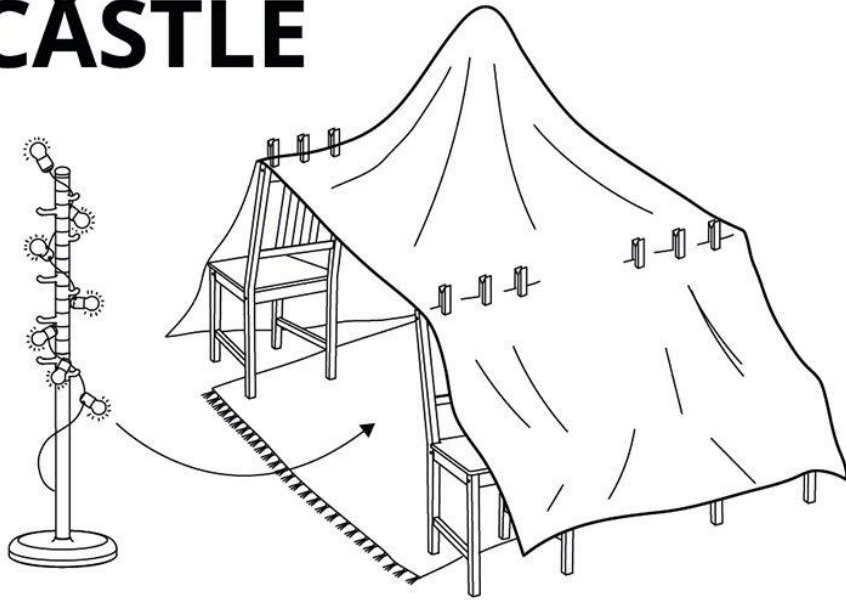
An upturned box or crate makes a surprisingly good seat or table for a little den, especially with an additional cushion or two. Spare pieces of cardboard also make excellent den flooring, providing a thick, clean and surprisingly comfortable layer of protection between you and the ground.

7. Light it Up

To make your outside den prettier and more practical in the dark, try adding battery or solar-powered fairy lights. You can dangle them from the roof of your structure or drape them over the top, or you can lay them out on the ground inside your den for a magical glow.

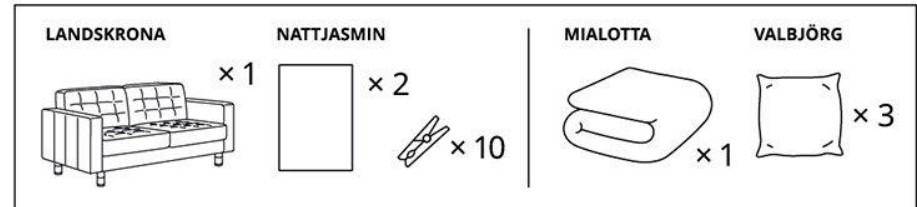
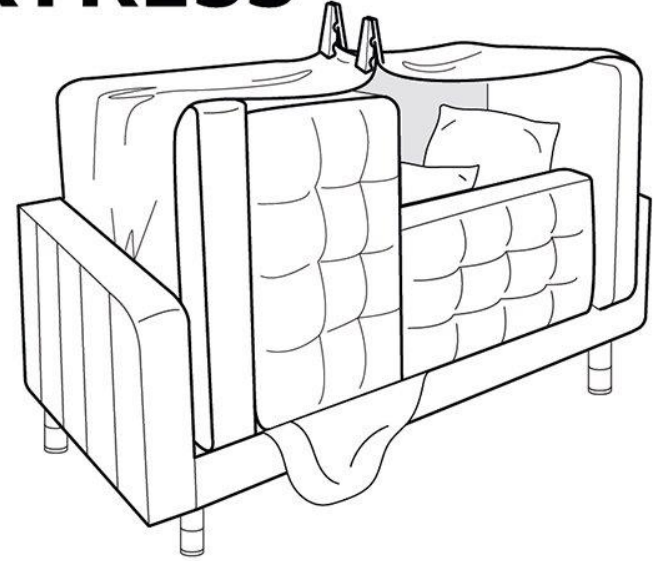
Alternatively, what about these guides from the popular shop, IKEA?

CÅSTLE



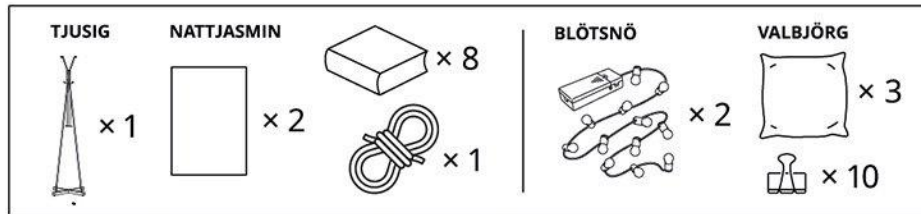
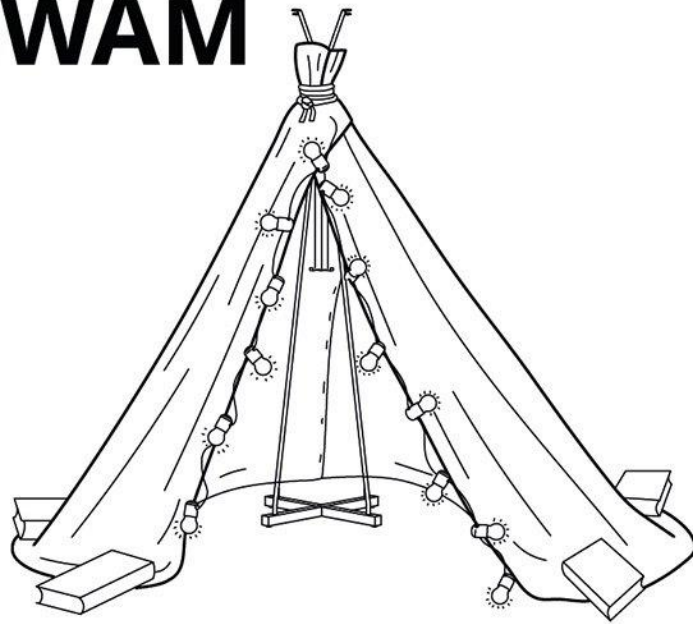
Make sure that the structure is safe. Do not leave children unattended.
The suggested examples are not official IKEA user guides for IKEA products.
If you can't find the products referred to in the instructions, use similar ones.

FÖRTRESS



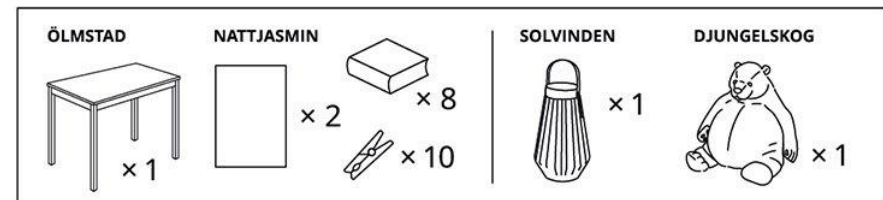
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WIGWÅM



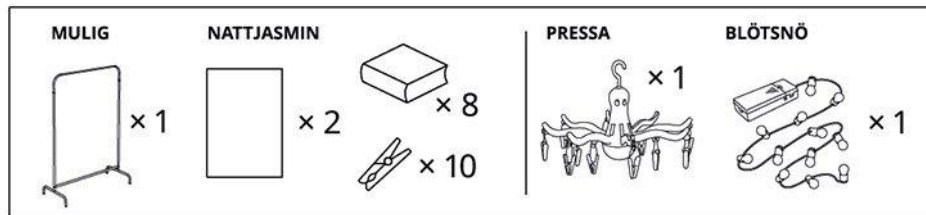
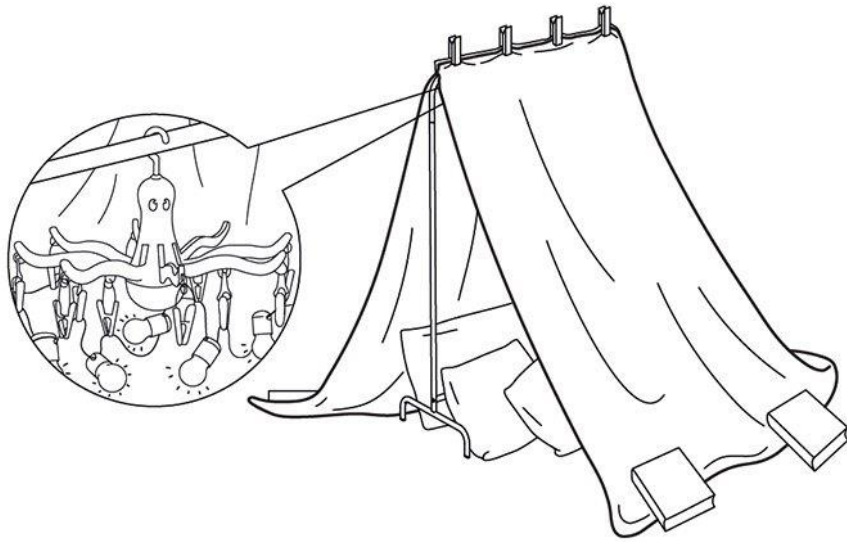
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HÖUSE



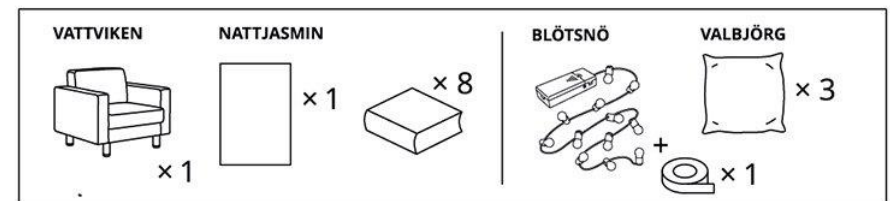
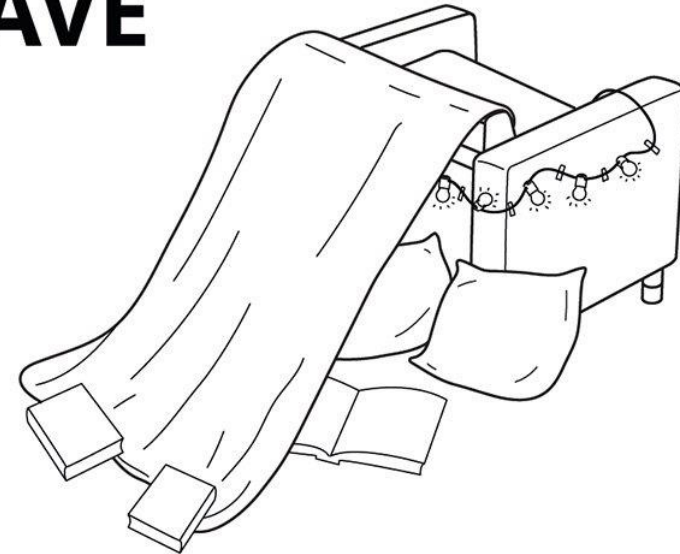
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CÅMPINGTENT



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CÅVE



Make sure that the structure is safe. Do not leave children unattended.
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If you can't find the products referred to in the instructions, use similar ones.

If you really want to get serious about building a den, check out this final website: <https://www.getoutwiththekids.co.uk/activities/making/building-a-den/>

Send us a photo of your fab new den on Seesaw



Outdoor – Scavenger Hunt

Okay, so you've made a den, right? Great.

Now your challenge is to try to collect as many of these items (below) as possible in your den. Send us a photo of what you collect on Seesaw.



Check them off when you find them to help.

AROUND THE HOUSE SCAVENGER HUNT

FIND SOMETHING:

- | | | | |
|---|--|--|--|
| <input type="checkbox"/> blue | <input type="checkbox"/> that makes a noise | <input type="checkbox"/> to read | <input type="checkbox"/> with a pattern |
| <input type="checkbox"/> with a nose | <input type="checkbox"/> green | <input type="checkbox"/> that smells | <input type="checkbox"/> that holds things |
| <input type="checkbox"/> to sit on | <input type="checkbox"/> to eat with | <input type="checkbox"/> squishy | <input type="checkbox"/> alive |
| <input type="checkbox"/> that closes | <input type="checkbox"/> white | <input type="checkbox"/> orange | <input type="checkbox"/> made of metal |
| <input type="checkbox"/> turns on and off | <input type="checkbox"/> that floats | <input type="checkbox"/> made of plastic | <input type="checkbox"/> crooked |
| <input type="checkbox"/> shiny | <input type="checkbox"/> red | <input type="checkbox"/> with wheels | <input type="checkbox"/> that opens |
| <input type="checkbox"/> round | <input type="checkbox"/> rough | <input type="checkbox"/> with paws | <input type="checkbox"/> yellow |
| <input type="checkbox"/> to write with | <input type="checkbox"/> you can see through | <input type="checkbox"/> black | <input type="checkbox"/> soft |
| <input type="checkbox"/> you can eat | <input type="checkbox"/> with eyes | <input type="checkbox"/> that lights up | <input type="checkbox"/> that sinks |
| <input type="checkbox"/> with buttons | <input type="checkbox"/> brown | <input type="checkbox"/> square | <input type="checkbox"/> tells time |
| | | <input type="checkbox"/> purple | <input type="checkbox"/> you can wear |

Outdoor – Make a crown

Using things you can find around the house or garden, let's make a crown fitting of what an amazing king or queen you are. Have a look at these instructions from the Royal Horticultural Society to help you get started.

Don't forget to show us what you make, on Seesaw.



What you'll need

A strip of card about 10cm wide, that is long enough to wrap around your head with a slight overlap

Double sided sticky tape

- Scissors

- Collecting bag

What to do

1. To make the crown cut a strip of card 10cm wide and measure it around your head to make sure that it is long enough. Put the piece of card on a flat surface and using the double sided sticky tape place a line of tape in the middle along the whole length of the card.
2. Go out into your garden or for a walk in your local park and look for lovely petals and leaves that have fallen to the ground – don't pick off the plants! Carefully put them in your collecting bag and take them home.
3. Take the top layer of the sticky tape away so that it feels sticky to touch and design and decorate your crown by placing petals and leaves on to the card. Leave a space at each end with no petals and leaves, so that you can stick the ends together when you have finished.
4. Ask a grown up to help measure the card round your head so that it fits and press the ends together. Why not have a lovely picnic in your garden wearing your summer crowns?



School Games

Active Championships

Developed by Hull Active Schools (HAS), the School Games Active Championships are a fun, engaging, national activity campaign for children across the UK to keep active. Parents can download the TopYa! App and sign up with our school's unique code: **28281**.

Children can practise the free active challenges, submit their best performance video and receive free personal coaching feedback from the experienced virtual coaches. For each video submitted, children can earn points, climb the leaderboard and even win prizes.

Parents, check out this video tutorial for more information:

<https://vimeo.com/423604569>