

Insects

Letter to Parents

Welcome to a new week at Griha Shiksha. **This week** we will be learning about insects.

Along with this theme, we will also be teaching

- One letter of the alphabet. (The letter this week is 'a')
- One number (The number we are teaching is 3).

Feel free to proceed at a pace that suits you and your child, while trying to keep to this broad framework.

Please note the following when implementing this theme:

1. We have goals listed for this theme. This will help you assess how much your child has understood. Many of these your child might already know. We do have some information italicized. Please share that with the child only if you think they might be interested or are ready for it.
2. There are pictorial teaching aids available to help. Please introduce each insect with the help of these, so that they have a pictorial understanding of what the insect looks like. Some of these insects will be re-taught in other themes also.
3. All pictures in the kit are black and white.
4. When teaching letters of the alphabet, we teach the letter as well as the sound that the letter makes. Therefore, pls teach them capital 'A', small 'a', and the sound the letter makes which is 'a' (as heard at the beginning of the words ant, apple and alligator).

We hope that both you and your child enjoy exploring this theme together. Do let us know what your child specifically likes and doesn't like, so that we can keep that in mind as we are planning other themes, and make it more exciting.

Where possible, esp. in art and craft, we would love to see what your child has done, so do scan and send us photos if possible. If you come up with ideas that we haven't, we would love to hear of it and how it worked.

Have a f-ant-astic week.

The Griha Shiksha Team

Theme Goals

<i>Your child should be able to name and identify the following: (Please use teaching aid 1 to help you with this)</i>	
Ant	A small insect, which has 3 body parts. Ants can be red or black in colour. <i>Ants walk fast in a straight line. They have 2 antennae on their head, which they use as a nose to smell.</i>
Ladybug	An insect, which has a red body with black spots on it. <i>Ladybugs can fly using their wings (they move it up and down and forward and backward)</i>
Spider	An insect, which makes a sticky web. <i>The process of making the web is called spinning.</i> Spiders have 8 legs and 8 eyes.
Grasshopper	Grasshoppers are usually green in colour. They have wings to fly and long legs for jumping.
Bees	An insect with a sting that is yellow and black in colour. Bees fly from flower to flower and collect nectar, to make honey. <i>The home of the bee is called a hive.</i>
Cockroach	An insect that looks a beetle, with long antennae and legs. They are brown in colour and found in houses because they like to be in warm places where there is food and water.
Caterpillar	An insect (<i>with 16 legs</i>) that eventually becomes a butterfly.
Butterfly	A beautiful multi-coloured flying insect that starts out as a caterpillar.
<p>Letter of the week</p> <p>Letters 'A' and 'a' and the sound 'a' (as heard at the beginning of the word 'apple, and in the middle of the word 'carrot')</p> <p>(Please use teaching aid 2(a&b) & 3(a&b) to help you)</p>	<p><i>Your child should be able to identify the letters 'A' and 'a'.</i></p> <p><i>He/ she should be able to identify the sound the letter 'a' makes.</i></p> <p><i>He/she should be able to name at least 2 words starting with the sound 'a'.</i></p>

Theme Goals

Number of the week	
Number 3	<i>Your child should be able to identify the number 3 and know what 3 objects are.</i>
(Please use teaching aid 4(a&b) to help you)	<i>He/ she should be able to show you three fingers on their hands and count 'three' when you hold up any three fingers.</i>

Rhymes

(Do actions wherever possible)

- 1) Incy wincy spider climbed up the water spout
Down came the rain and washed the spider out
Out came the sun and dried up all the rain
Then Incy wincy spider climbed up the spout again

- 2) A little ladybug
Oh I wish I were a little ladybug
Oh I wish I were a little ladybug
I'd be red and black
I'd eat aphids for my snack
Oh I wish I were a little ladybug

(To the tune of 'Be careful little eyes what you see')

- 3) Little Black Ant
I'm a little black ant on the ground
I'm so tiny I can hardly be found
Look very closely, then you'll see
I'm scurrying around – just look at me!

(To the tune of 'I'm a little teapot')

- 4) I'm an ant, I'm an ant, ants come from eggs
I'm an ant, I'm an ant, and I have 6 legs
I'm an ant, an insect with 2 antennae
I'm an ant, I'm an ant, and I work all day.
- 5) Two little caterpillars climbing up the tree (*show caterpillars and slowly wriggle them upwards like they are climbing*)
One named Latha and the other named Lee (*show one caterpillar, then the other*)
Crawl away Latha, crawl away Lee (*hide one caterpillar behind your back, and then hide the other caterpillar behind your back*)
Crawl back Latha, crawl back Lee (*bring back one caterpillar and then the other one, so now both are showing*)
- 6) Buzz buzz ----- busy bee is your honey sweet?
Yes sir, yes sir! Sweet enough to eat
Honey for your chapati, honey for your cake,
Honey by the teaspoon full, as much as I can make!
(If you have access to the Internet, watch it at <https://www.youtube.com/watch?v=Bcn-mPPtOHc>, courtesy nursery rhyme TV) – *this particular rhyme starts at 1 minute and 17 seconds*
- 7) 1 little finger (3) (*hold up the index finger on your right hand – the rest of the fingers remain folded*)
Tap, tap, tap (*tap it onto the palm of your left hand*)
Point to the roof and point to the floor
And put it on your lap, lap, lap (*tap the index finger on your lap*)
- 2 little fingers (3) (*hold up the index finger and the tall finger on your right hand – the rest of the fingers remain folded*)
Tap, tap, tap (*tap them onto the palm of your left hand*)
Point to the roof and point to the floor
And put them on your lap, lap, lap (*tap the index finger and tall finger on your lap*)

3 little fingers (3) *(hold up three fingers in your right hand – the remaining 2 fingers are to be folded)*

Tap, tap, tap *(tap them onto the palm of your left hand)*

Point to the roof and point to the floor

And put them on your lap, lap, lap *(tap the 3 fingers on your lap)*

8) Baa baa black sheep have you any wool?

Yes sir, yes sir, 3 bags full

One for the master, one for the dame

One for the little boy who lives down the lane

9) 1,2,3 Jesus loves me

1,2 Jesus love you

10) When Goldilocks went to the house of the bears,
what did her 2 eyes see?

A bear that was big, a bear that was small, a bear that
was tiny and that was all.

She counted them 1,2,3

When Goldilocks went to the house of the bears,
What did her 2 eyes see?

A chair that was big, a chair that was small,
A chair that was tiny and that was all

She counted them 1,2,3

When Goldilocks went to the house of the bears,
What did her 2 eyes see?

A bed that was big, a bed that was small,
A bed that was tiny and that was all

She counted them 1,2,3

When Goldilocks went to the house of the bears,
What did her 2 eyes see?

A bear that was big, a bear that was small,
A bear that was tiny and that was all

11) 3 blind mice, 3 blind mice,

See how they run, see how they run,

They all run after the farmer's wife
Who cuts off their tails with a carving knife,
Have you ever seen such a thing in your life?
As 3 blind mice

12) 3 little monkeys swinging on the tree
Teasing Mr. Crocodile
Can't catch me (2)

2 little....
1 little...
No little monkeys swinging on the tree
There goes Mr. Crocodile fat as he can be
Burp

13) The ant's 6 legs go marching on hurrah, hurrah (2)
The ant's 6 legs go marching on
To his little body they weigh a ton,
The ant goes marching for to get out of the rain

Story Time

To go along with this theme we have 2 stories

- 1) The Ant and the Chrysalis
- 2) The Ant and the Grasshopper

Both these stories are typed out and sent in the 'Story and Poem Collection' kit

Art and Craft

1) Spider spinning a web

Supplies Needed

A paper plate, black and white paint, twine / thread, homemade playdough, black paper (thin strips)

Method

Give the child a paper plate each. Mix some black and white paint to make grey colour and let the children dip the wool into the paint and put it on the paper plate. Doing this repeatedly, all over the paper plate, will give the impression of the spider's web. Using the playdough make 2 oval shapes, one bigger than the other, to make the head and the body of the spider. Cut 8 thin black strips of paper in the shape of a 'v' and put in on the playdough (upside down) to be the legs of the spider.

The eyes of the spider can be made with dhal, urad dhal or peppercorns (or anything else similar to those).

The paper plate can be put on the table and the spider put onto the paper plate.

2) Paper chain caterpillar

Supplies Needed

Green paper, scissors, fevicol, black marker / sketch pen

Method

Cut out strips of paper about 1 inch thick. Along that strip of paper, every 4-5 inches, draw a line and give your children the scissors to cut on that line to make a rectangular strip.



You need to have at least 15 cut up rectangular strips of paper.

Once the papers have been cut, help the children to form one strip into a circle and secure it with fevicol.

Slide your next strip through the above circle, and then make another circle so that you have 2 intertwined circles.

Repeat the process with all 15 strips till you have a long chain of paper rings.

Cut out a circle with some more construction paper to make a head for the caterpillar. Draw eyes and sharp teeth with a black marker and stick at one end of your caterpillar chain.

Optional 1: Cut out 2 thin strips of paper and curl it with a pencil to make antennae. Stick to the head of the caterpillar.

Optional 2: Cut out a large piece of green chart paper into a shape of a leaf for the caterpillar to rest on.

3) Ladybug Craft

Supplies Needed

Paper, Potato, black paint, red paint, marker, green and yellow paper

Method

Cut a potato into 2 and let it dry. Then dip it into some red paint and make an imprint of the paper. This is the base for the body of the ladybug. Let the paint dry and then draw a line through the middle with a sketch pen. Get the children to dip their fingers in and make black spots on the body of the ladybug. A larger black finger imprint can be the face of the ladybug and you can help by drawing 2 antennae.

Optional 1: Cut out some strips of green and yellow chart as grass. Cut out the ladybugs once they have dried and stick on the grass. Make as many little ladybugs as you want.

4) Sticking on 'A' and 'a'

Supplies

Art and Craft sheet, I(a-d); glue; rice/noodles/green gram/dhal/ sand/ crepe paper scrunched up/ coloured paper cut up, chapati maav

Method

Use any of the raw material mentioned above and stick on the templates of 'A' and 'a'. Do 2 of 'A' on one day (Art & Craft I(a&b)), and 2 of 'a' on another day (Art & Craft I(c&d)).

5) Finger painting on 'a' and 'A'

Supplies

Art and Craft 2(a&b); paints, water

Method

Let the children finger paint on the letter (in the direction of the arrow).

6) Play dough Craft

Supplies Needed

Playdough, (optional: food colouring)

Method

1. The playdough can be used to make the letters 'a' and 'A'. Remember to also use the phonetical sound 'a', when teaching them the letter.
2. The play dough can also be used for counting. Since we are teaching the number 3, the child can learn to make the

number '3' and 3 objects with playdough (art and craft sheet 3).

7) The number 3

Supplies

Template of number 3 (Art and Craft sheet 4), crayons / paint

Method

Let the children colour or paint number 3 (either finger paint or with a paintbrush) or using crayons. Once the paint has dried, help them to cut out the number 3.

8) Ice-cream scoops

Supplies

Template of the ice-cream cone (Art and Craft sheet 5), coloured paper, crepe paper, cotton, paint, crayons, fevicol

Method

With crayons, make the cone of the ice cream any colour you want.

Then make any 3 scoops of the ice cream yellow colour. You can use any medium you like – paint it, use crayons, crepe paper crushed, coloured paper cut up, cotton dipped in paint or even waste cloth you have lying at home. But make sure it is yellow colour.

The other 3 scoops, you can do any colour you like. But make 2 one colour and 1 another colour.

Home Activities

- 1) Put some maida / atta / powder on the table and let the children try writing the letters 'A' and 'a' with that. Remember to also use the phonetical sound 'a'. You, the parent can help by showing them how it is done. Please

make sure you follow the same method we are using (direction and numbering of arrows).

- 2) The child can also be taught to write the letters 'A' and 'a' in the sand, so that they can feel the texture of the sand as they write. Remember to also use the phonetical sound 'a'.
- 3) Give the children the sandpaper piece and help them to write the letter 'a' on it. This will help them get a sensory feel of the letter as they write it.
- 4) Each of these can be repeated with the number 3

Puzzles and Worksheets

- 1) Please use worksheet 1 to count the insects.
- 2) Please use worksheet 2 to cut and arrange the bees in order of size
- 3) Use worksheet 3 to count and colour the spots on the ladybug
- 4) Use worksheet 4 to find out the odd one out in each row
- 5) Please use worksheet 5 to help the bee get from flower to flower
- 6) Use worksheet 6 to find out what comes next

Scripture

The story of how the caterpillar becomes a butterfly ('The Ant and the Chrysalis') is an indication of how when we ask Jesus into our hearts, he transforms us from a small wriggly worm that eats dirt to a beautiful butterfly that flies around.

Outdoor Play

1. Get your child to imitate a butterfly and fly around from place to place (landing on different 'flowers' and collecting nectar.

2. Let your child pretend to be a caterpillar that wriggles on its tummy.
3. Your child can also act out the life cycle of the butterfly - from caterpillar to cocoon / chrysalis (lying scrunched up like a fetus) to a butterfly.
4. Go for a walk and look for the insects we have been discussing. Draw your child's attention to them - how they walk etc
5. Cut out the squares of insects (your child can colour them if they want), and get the child to walk over / around them instead of stepping on them. Make an obstacle course of it. (Outdoor Play Aid: I)

'A' and 'a'

For this week, the child is learning the letters 'A' and 'a'. They make the sound 'a' like in apple, and, alligator, or ambulance.

Please use the teaching aids 2 & 3 (a&b) to teach the child the letters 'A' & 'a', words that start with the letter sound 'a', and words that have the letter sound 'a' in them.

Trace the letter (only) with your finger, and as you trace say the sound the letter makes ('a')

Song (to the tune of 'Skip to my lou')

/a/-/a/! Ants on my arm

/a/-/a/! Ants on my arm

/a/-/a/! Ants on my arm

They're causing me alarm

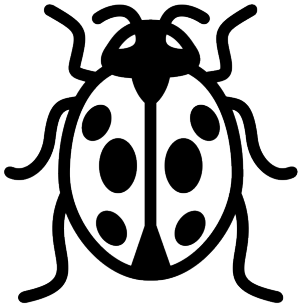
(Wiggle your fingers above the elbow, as if ants are crawling on you, and say a,a,a,a!)

(In case you have access to the internet, let your child watch this
34 second video from Jolly Phonics) =
<https://www.youtube.com/watch?v=2mVER0qQ6Q0>

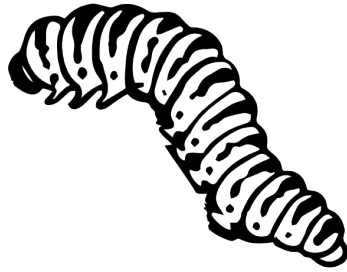
Puzzles and Worksheets

- 1) Please use worksheet No: 7 to identify all the A's and a's in the sentence given.
- 2) Use worksheet 8 to find and all the A's and a's
- 3) Use worksheet 9 to match the apple with other words
- 4) Use worksheet 10 (a) to match the letter 'a' to words starting with the 'a' sound.
- 5) Use worksheet 10(b) to match the letter 'a' to all the words that have the sound 'a' in the middle.
- 6) Please use worksheet 11 to put together the self-correcting 'a' and 'A' puzzle.
- 7) Please use worksheet 12 to join the dots

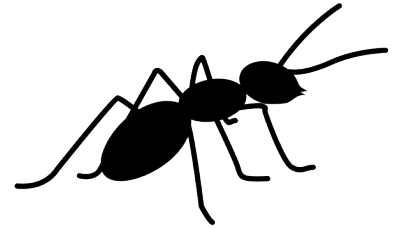
Teaching Aid: I - Insects



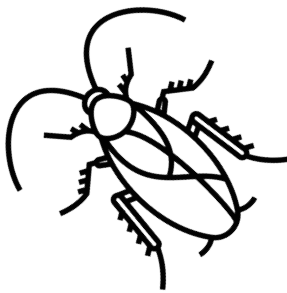
ladybug



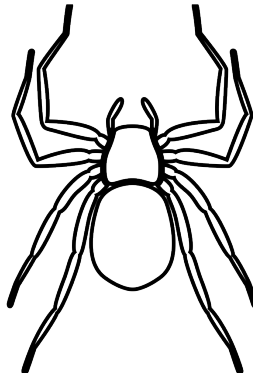
caterpillar



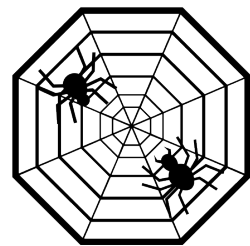
ant



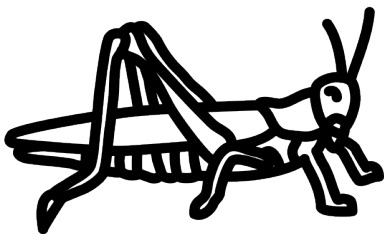
cockroach



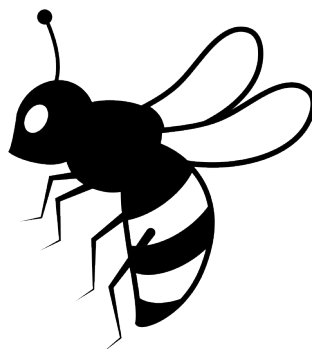
spider



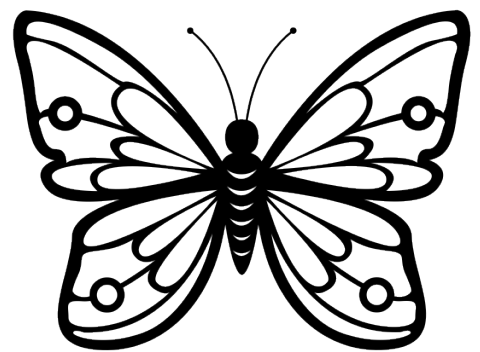
spider's web



grasshopper



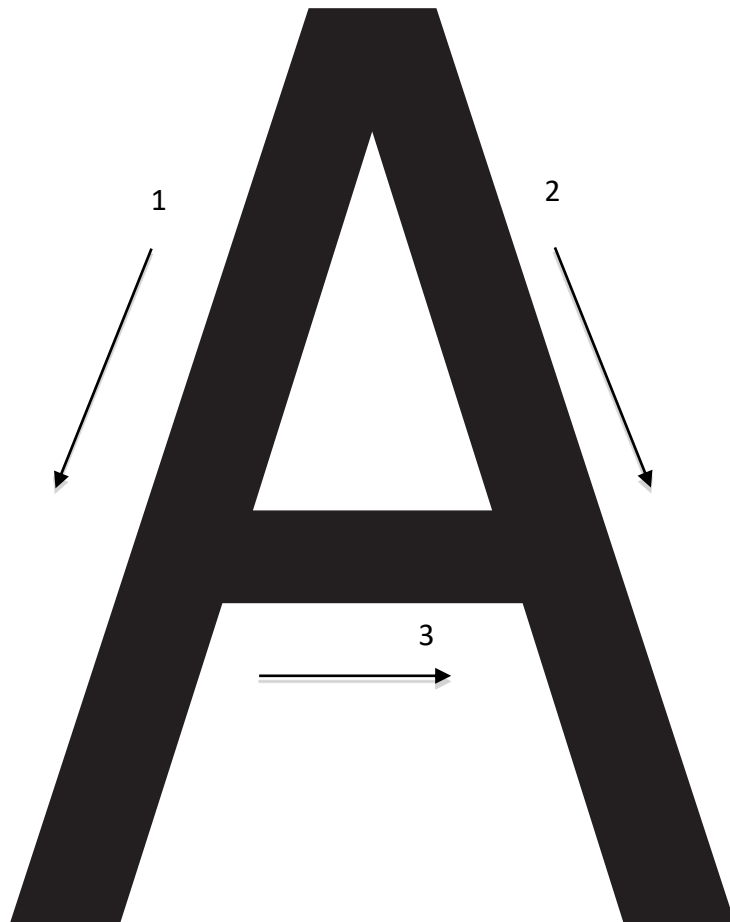
bee



butterfly

Teaching Aid: 2(a) – Capital letter ‘A’

Trace the letter with your finger (only), and as you trace, say the sound ‘a’ that the letter makes. Please trace according to the direction and numbering of the arrows.



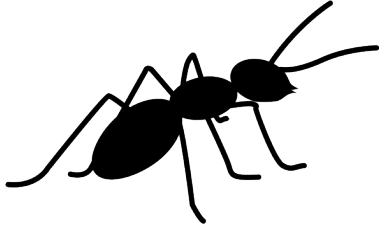
Teaching Aid: 2(b) – small letter ‘a’

Trace the letter with your finger (only), and as you trace say both the letter (small ‘a’), and the sound the letter makes ‘a’. Please trace according to the direction and numbering of the arrows.

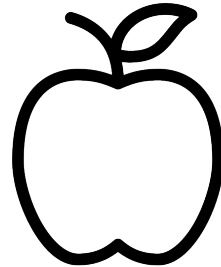


Teaching Aid: 3(a) – The sound the letter ‘a’ makes

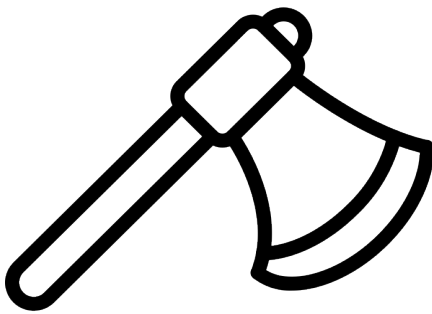
These pictures all **begin** with the letter sound ‘a’. Say the name of each out loud and listen for the ‘a’ sound. Colour the pictures.



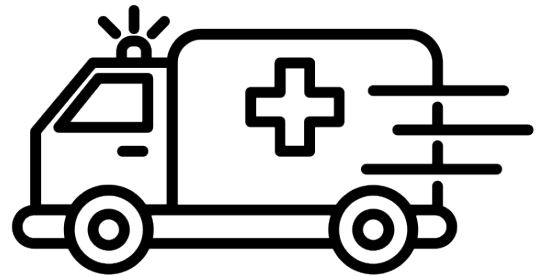
ant



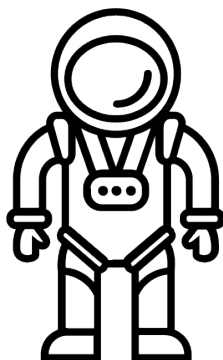
apple



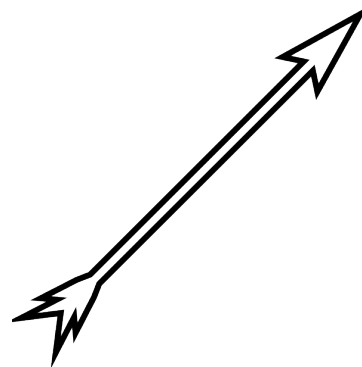
axe



ambulance



astronaut



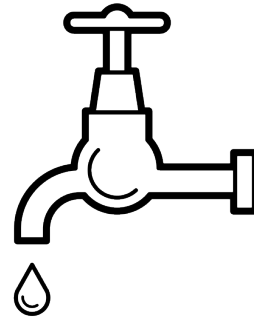
arrow

Teaching Aid: 3(b) – The sound the letter ‘a’ makes

These pictures all **contain** with the letter sound ‘a’. Say the name of each out loud and listen for the ‘a’ sound (within the word). Colour the pictures.



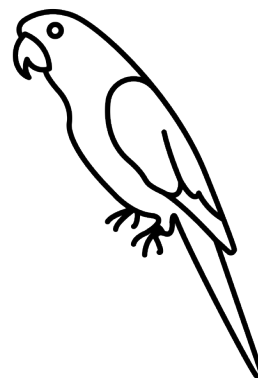
hand



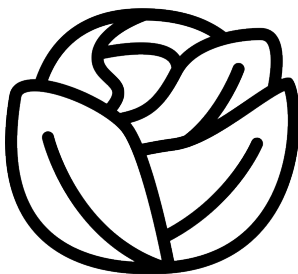
tap



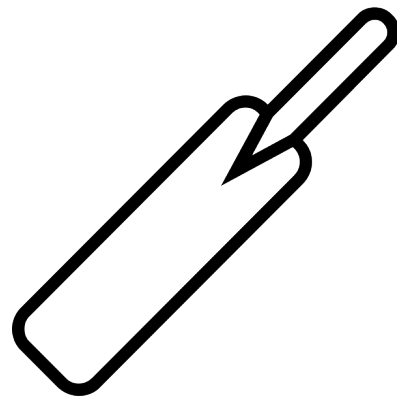
candle



parrot



cabbage



bat

Teaching Aid: 4(a) – The number 3

3



3 fingers

Teaching Aid: 4(b) – The number 3

Let the children count each as 1

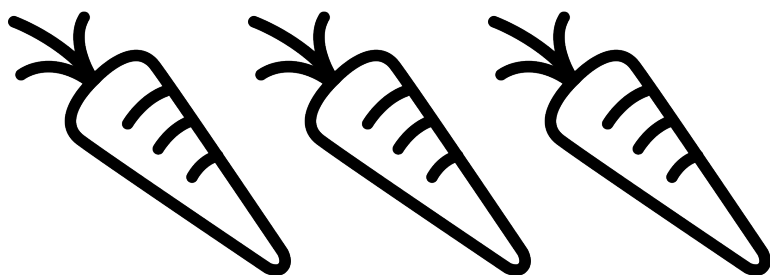


1

2

3

= 3 hats

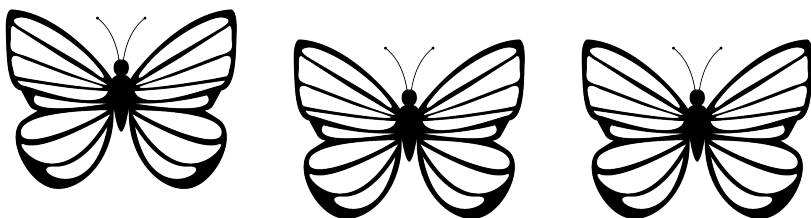


1

2

3

= 3 carrots



1

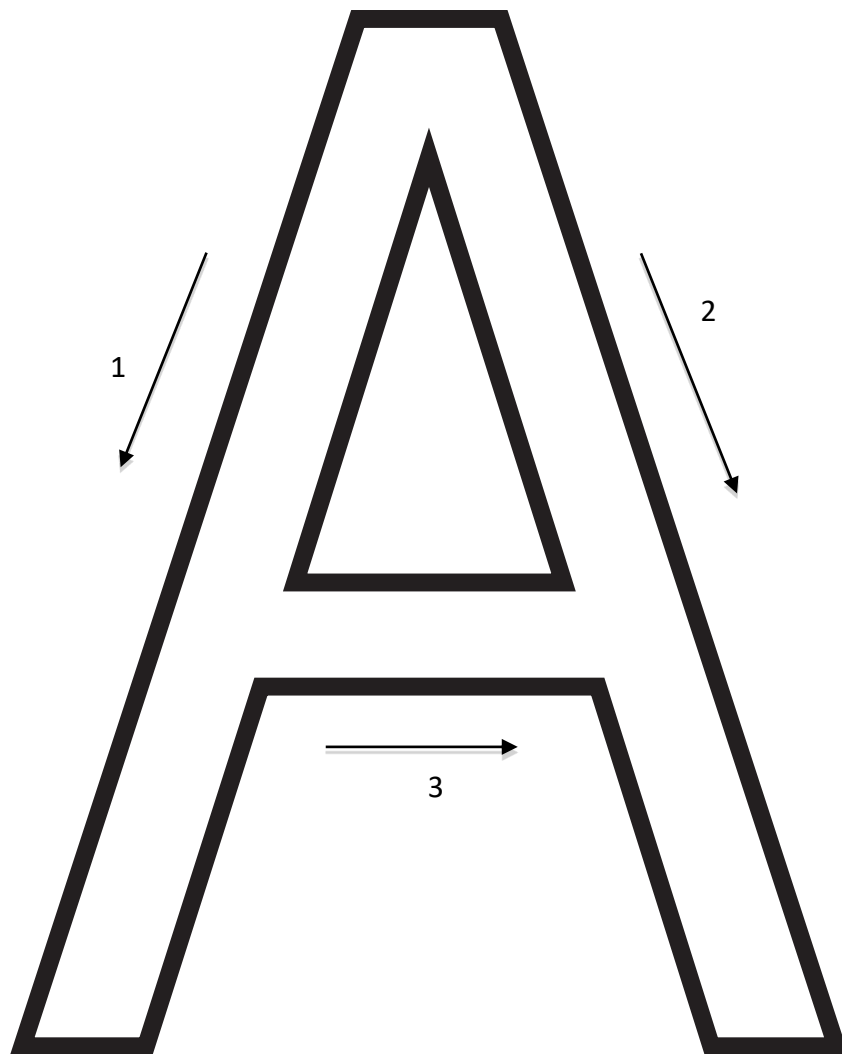
2

3

= 3 butterflies

Art & Craft: I(a) – Sticking on capital ‘A’

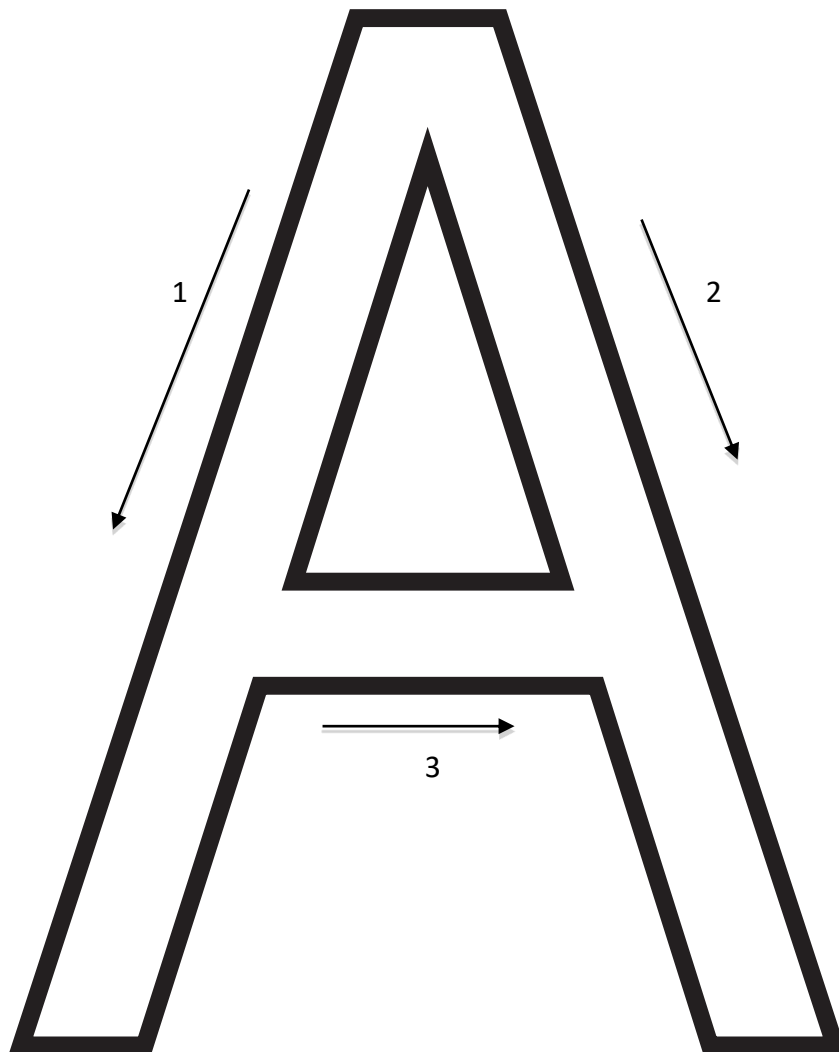
Using the raw materials, stick things on the letter ‘A’ below. Follow the direction and numbering of the arrows. Mention the letter (capital ‘A’) and the sound ‘a’ as you stick.



Art and Craft: I(b) – Sticking on capital ‘A’

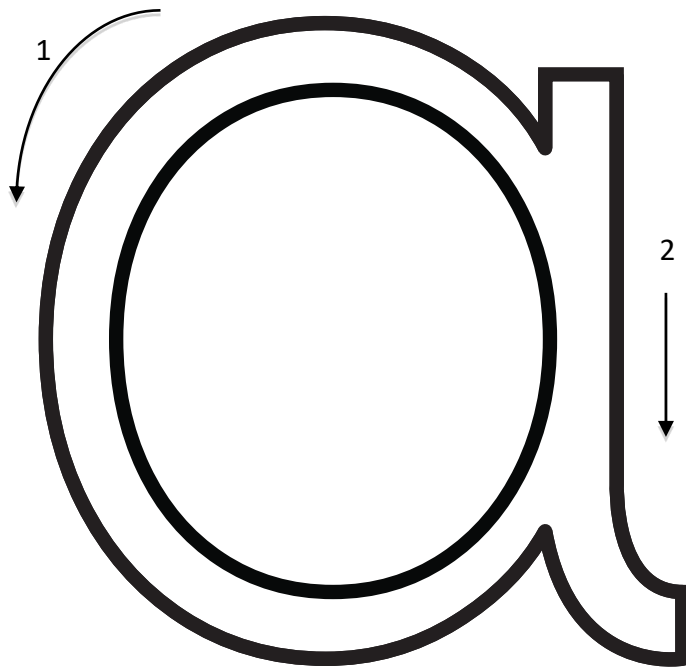
Using the raw materials, stick things on the letter ‘A’ below. Follow the direction and numbering of the arrows. Mention the letter (capital ‘A’) and the sound ‘a’ as you stick.

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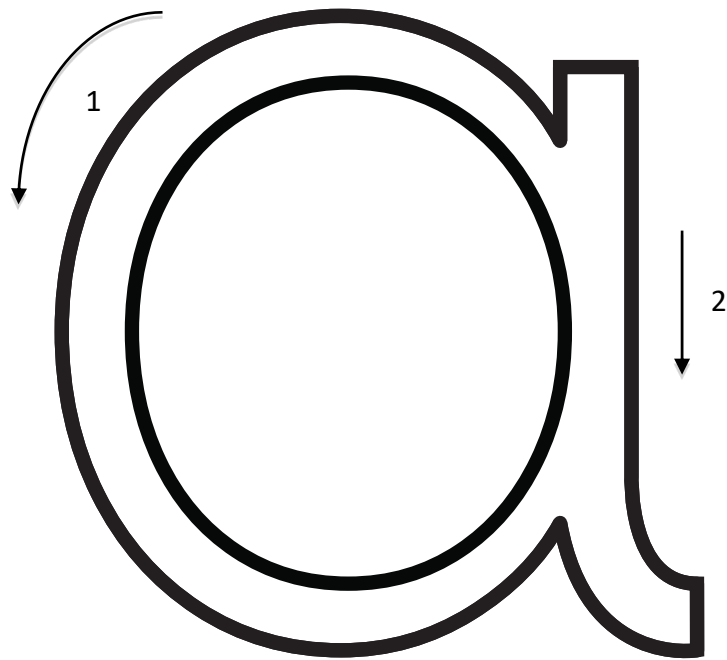
Art & Craft: I(c) – Sticking on small ‘a’

Using the raw materials, stick things on the letter ‘a’ below. Follow the direction and numbering of the arrows. Mention the name (small ‘a’) and the sound ‘a’ as you stick.



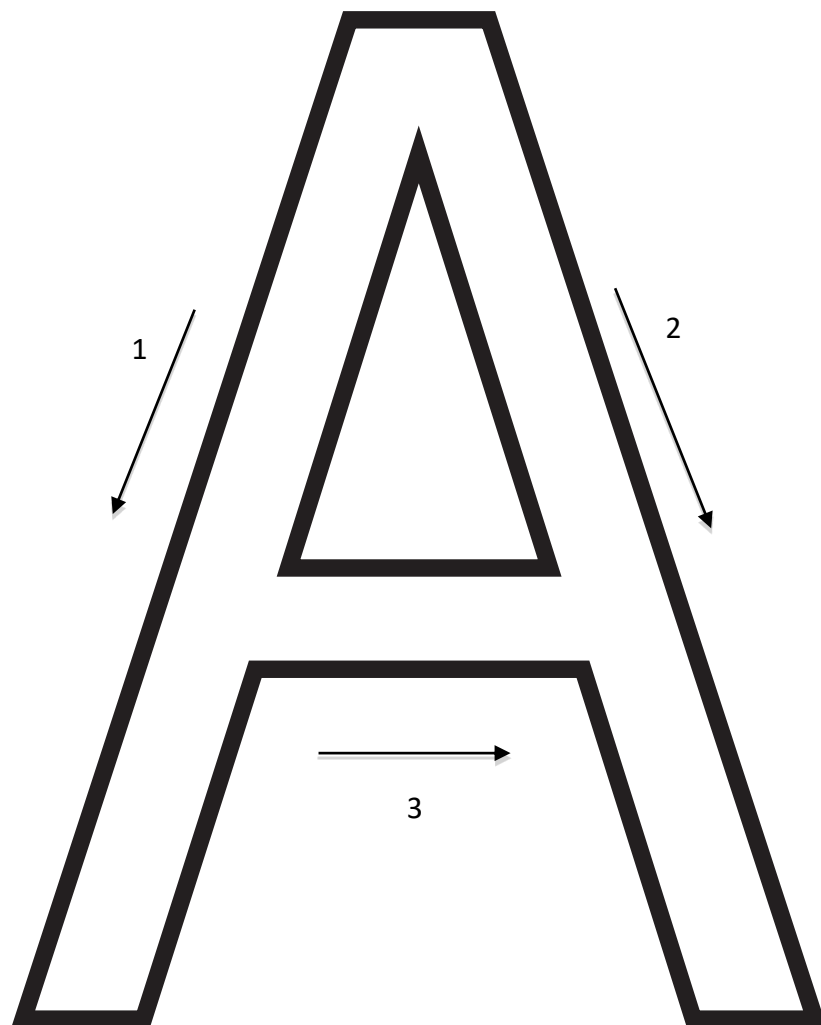
Art and Craft: l(d) – Sticking on small ‘a’

Using the raw materials, stick things on the letter ‘a’ below. Follow the direction and numbering of the arrows. Mention the name (small ‘a’) and the sound ‘a’ as you stick.



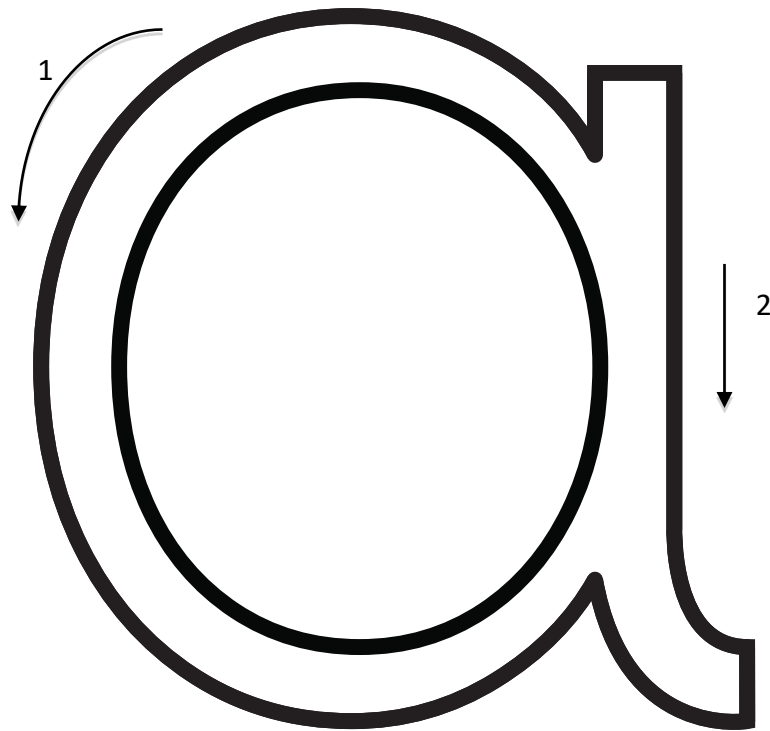
Art & Craft: 2(a) – Finger painting on ‘A’

Finger-paint on the letter ‘A’ in the direction of the arrow.
Mention the sound ‘a’ as you paint.



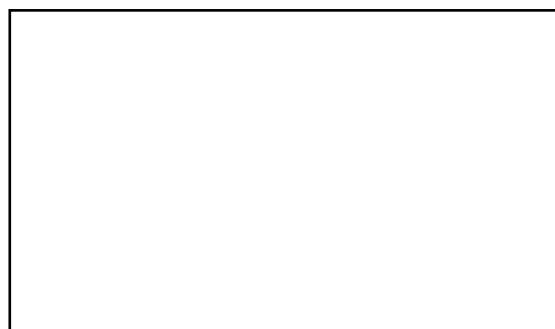
Art & Craft: 2(b) – Finger painting on ‘a’

Finger-paint on the letter ‘a’ in the direction of the arrow.
Mention the sound ‘a’ as you paint.



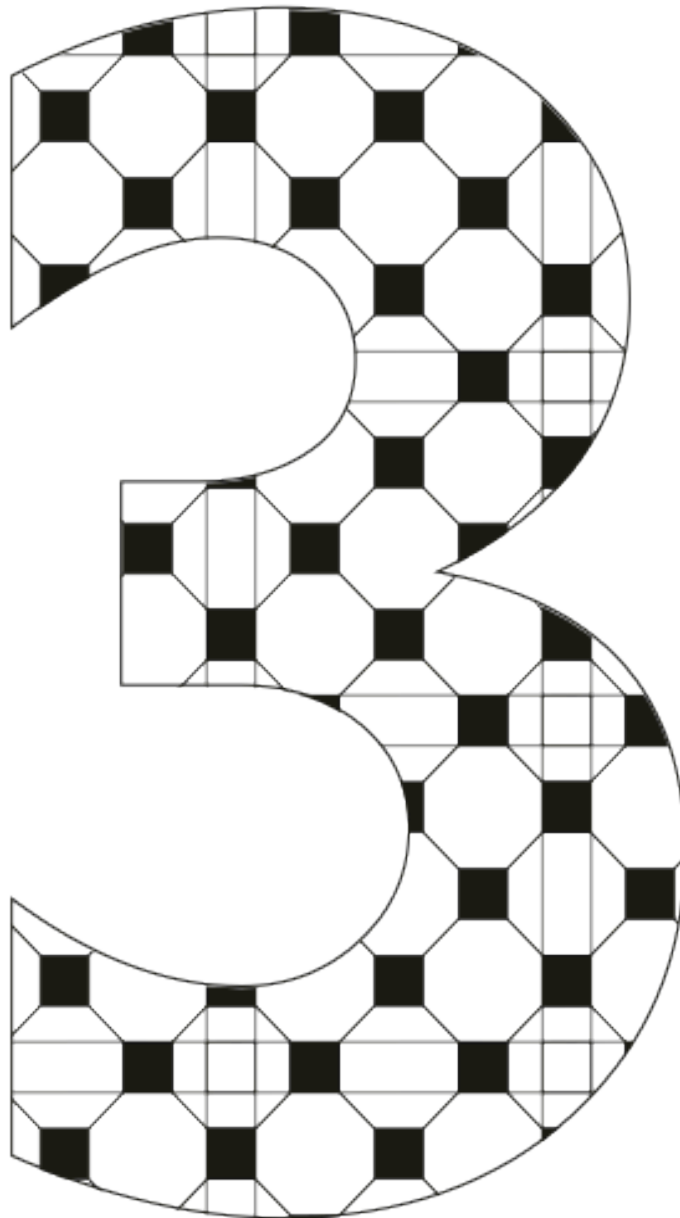
Art and Craft: 3 – Play dough number 3

With play dough make the number **3** and, in the box, below, put **3** play dough balls.

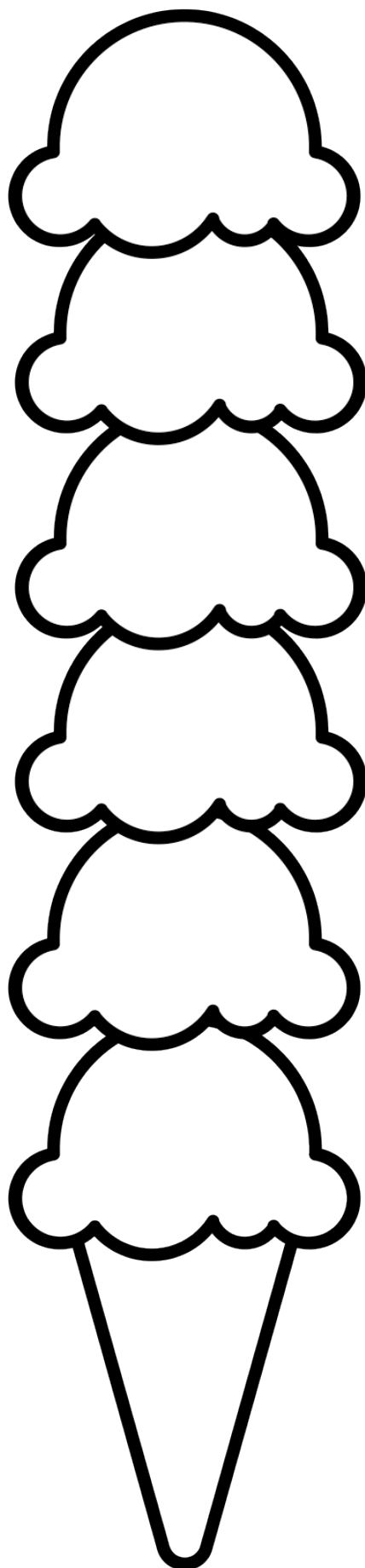


Art and Craft: 4 – Number 3

Decorate the number 3

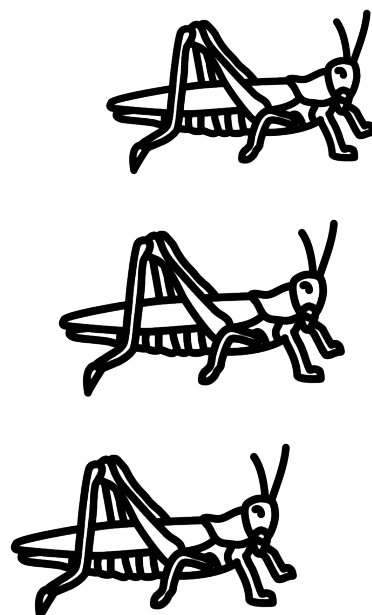
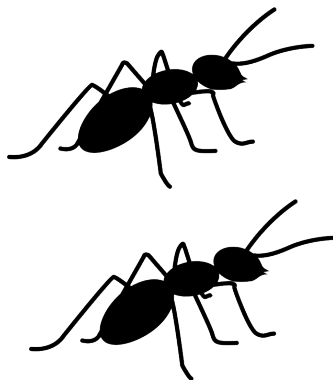
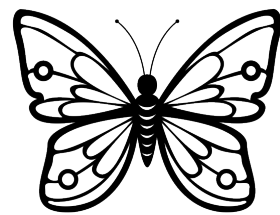
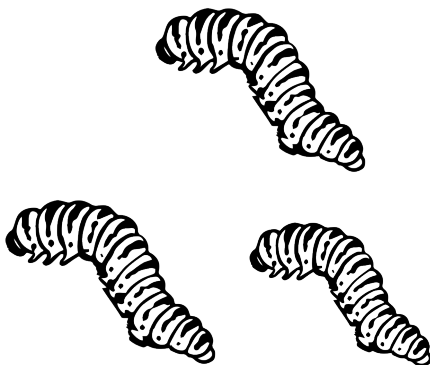
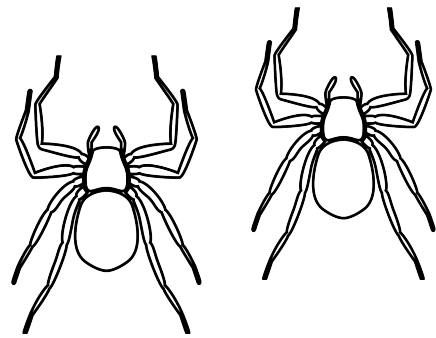
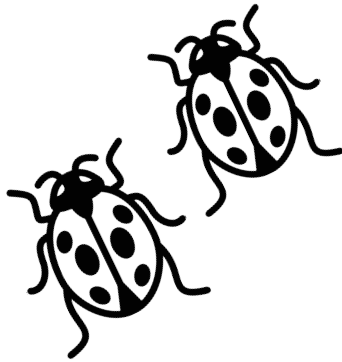


Art and Craft: 5 – Ice creams Cones



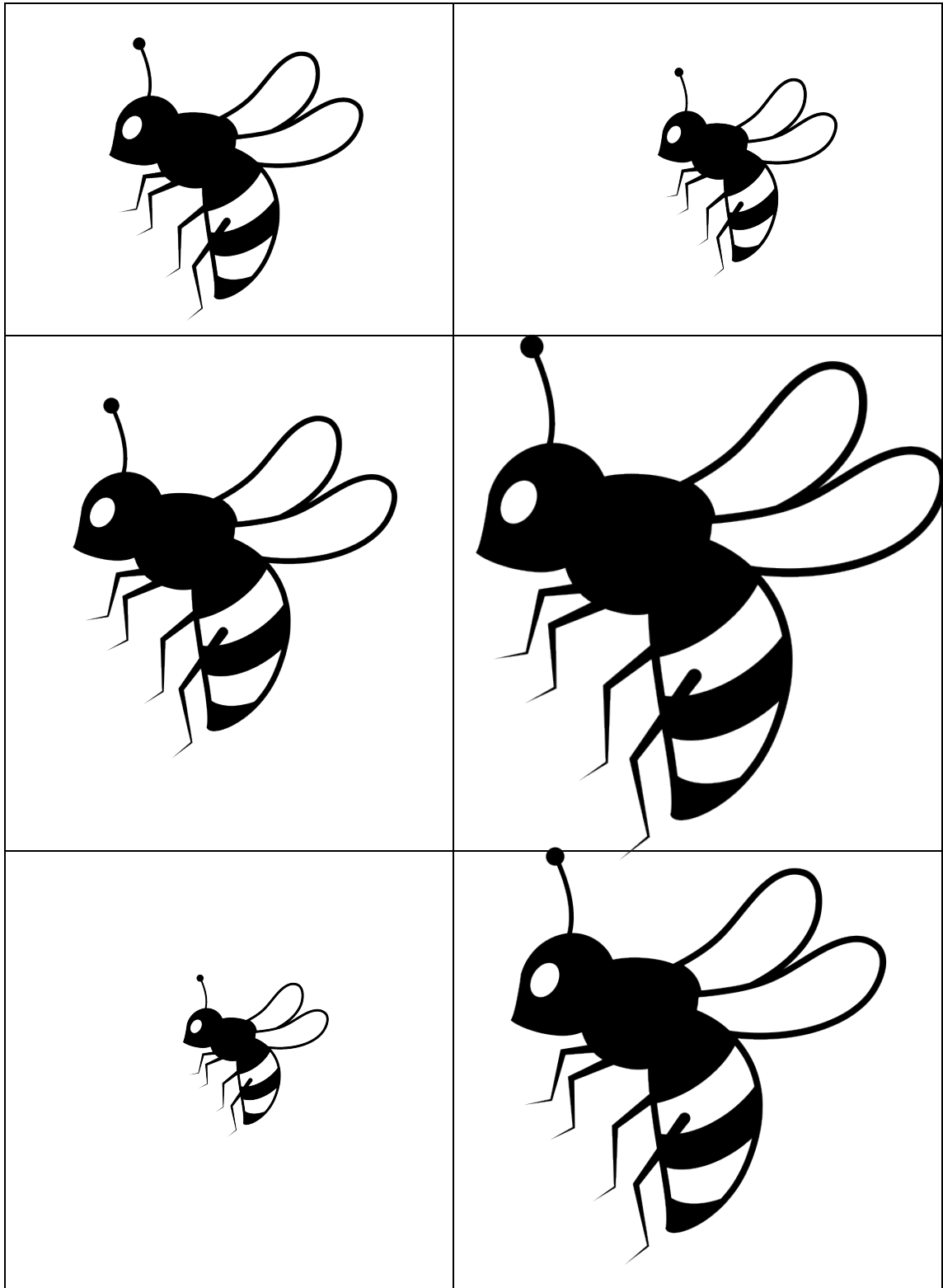
Worksheet No: I – Count how many

Count how many of each kind of insects there is (e.g how many ladybugs, how many ants etc.)



Worksheet No: 2 – Cut and Seriate

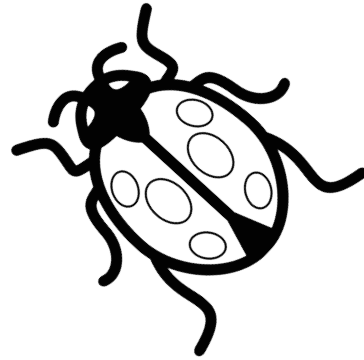
Cut the bees and arrange in order of size (first from **smallest** to **biggest**; and then from **biggest** to **smallest**)



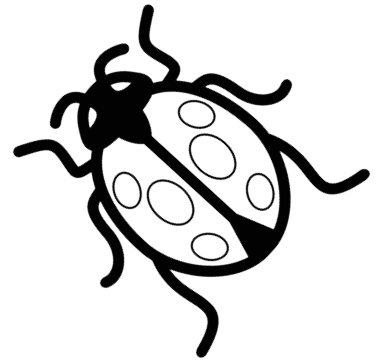
Worksheet No: 3 – Spots on a ladybug

Colour the spots on the ladybug (according to the instructions given alongside)

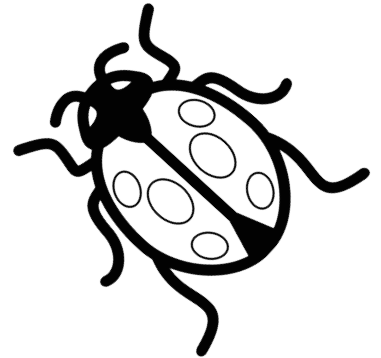
Colour **2 spots blue** on the ladybug



Colour **1 spot yellow** on the ladybug

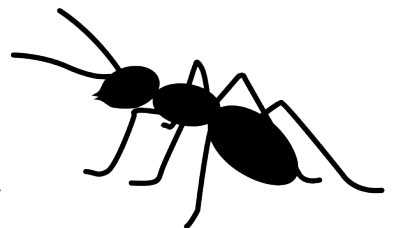
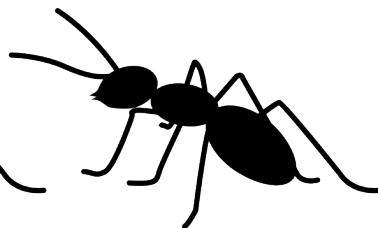
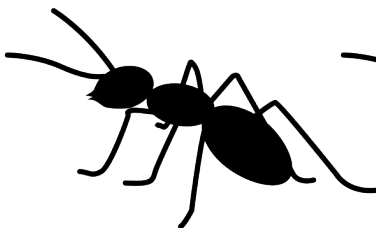
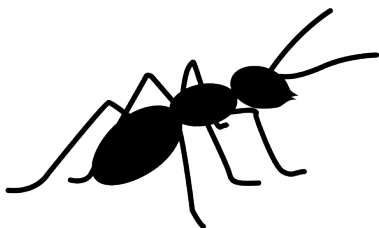
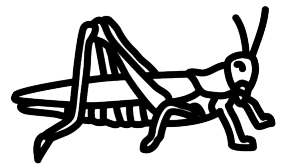
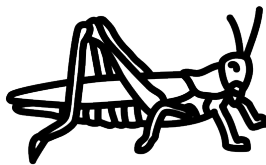
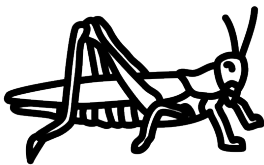
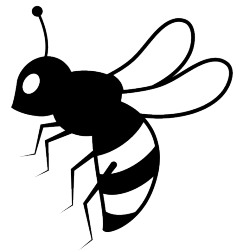
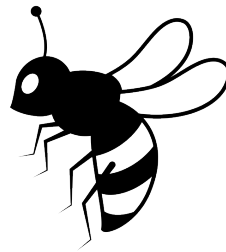
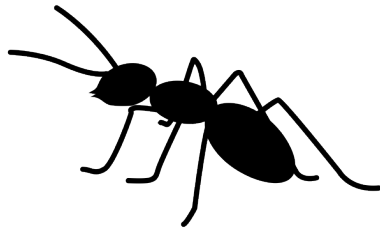
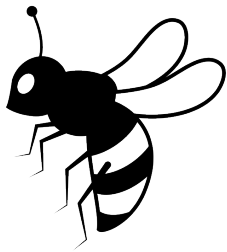
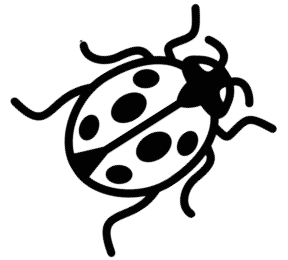
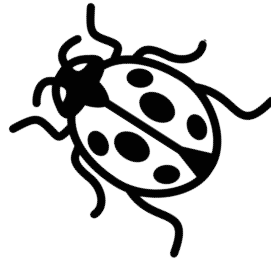
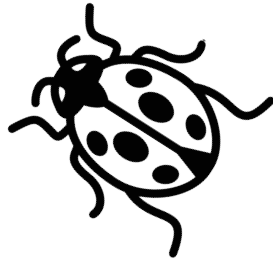
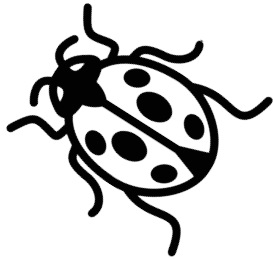


Colour **3 spots (any colour)** on the ladybug



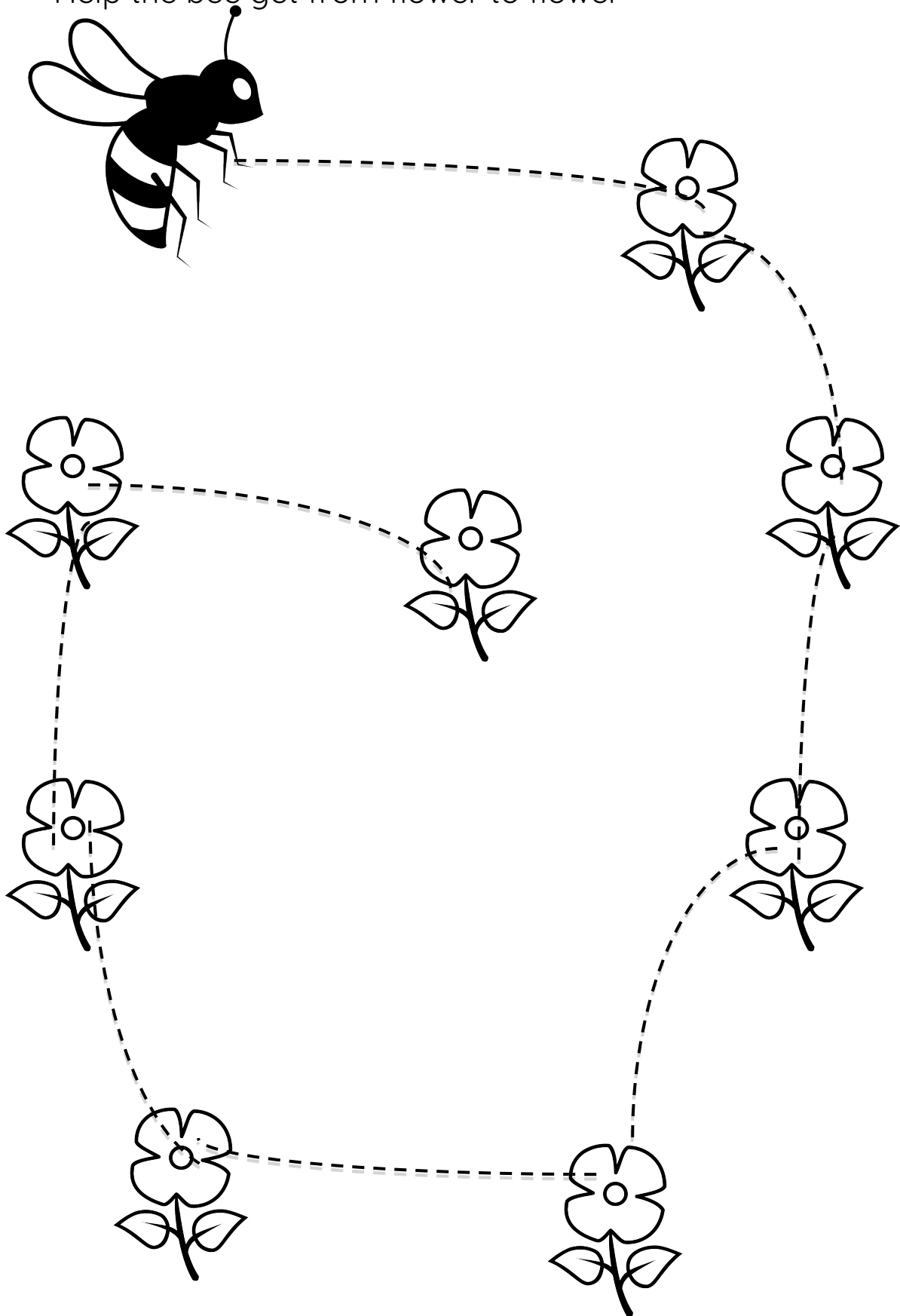
Worksheet No: 4 – Odd one out

Find out which animal in each row is different from the others.



Worksheet No: 5 – Join the dots

Help the bee get from flower to flower

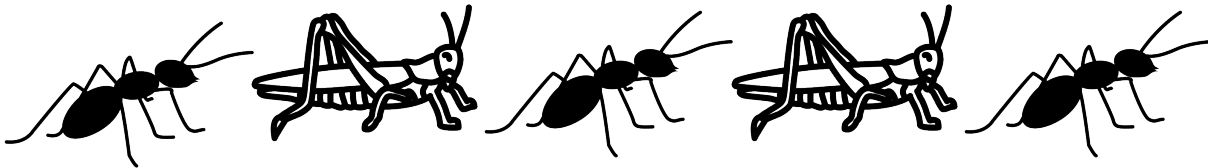


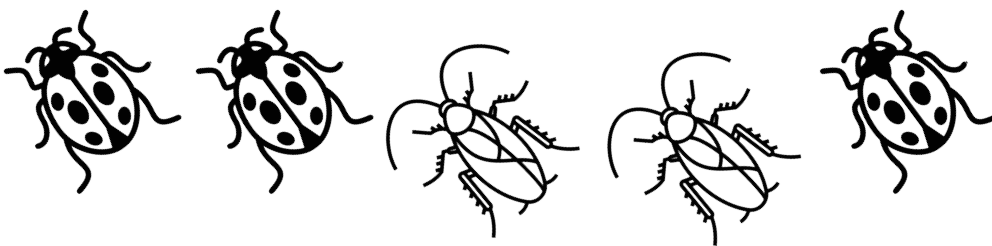
Worksheet No: 6 – Pattern Development

Can you guess which comes next? (Fill in the blank). Tell your parents what the correct answer is.











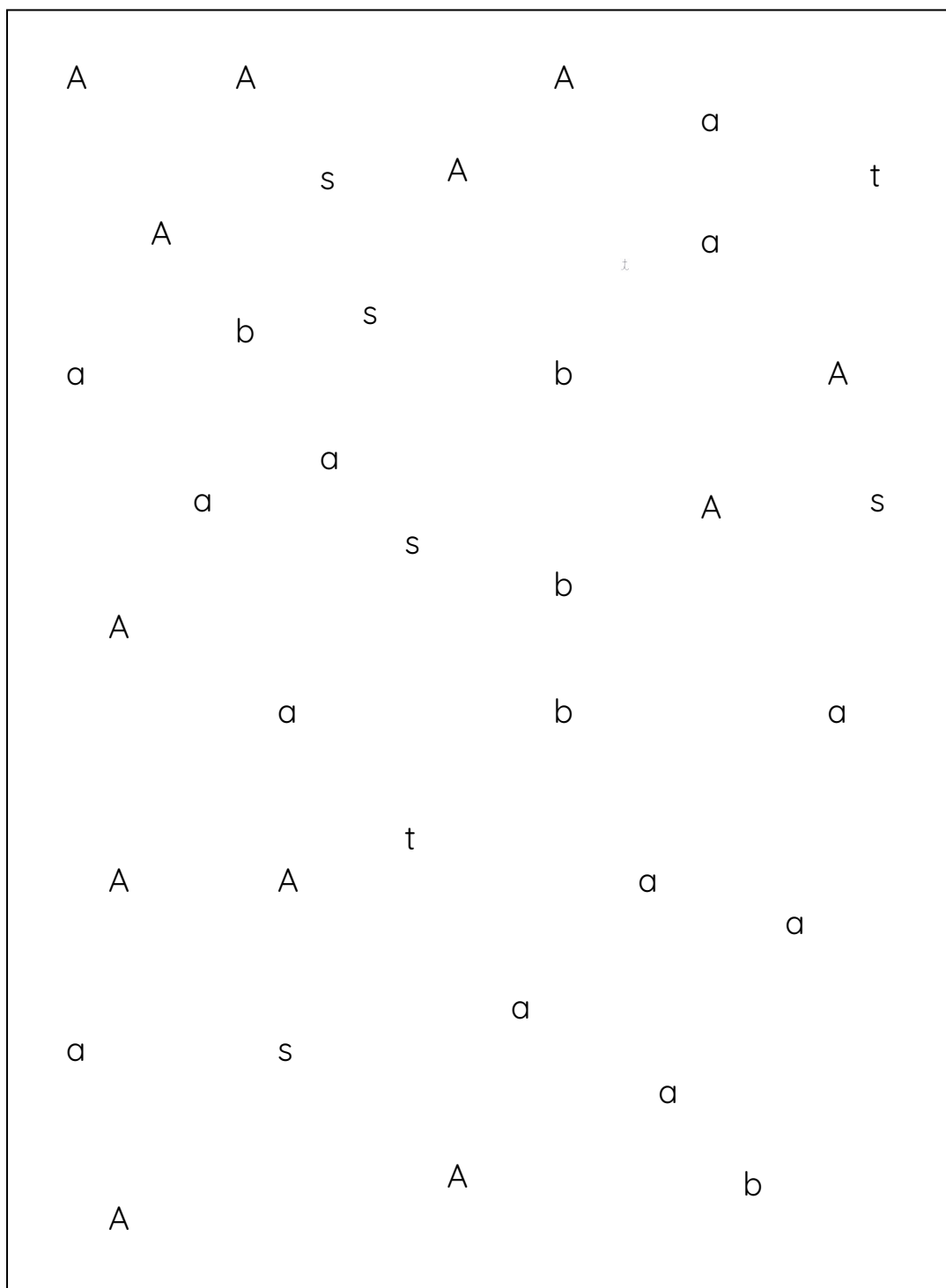
Worksheet No: 7 – Identify all the ‘A’s and ‘a’s

Find all the ‘A’s and ‘a’s in this sentence

Anita and Arun
were very hungry.
Their amma told
them to eat some
apples and
avacados. They
found ants in the
fruit bowl and were
not happy.

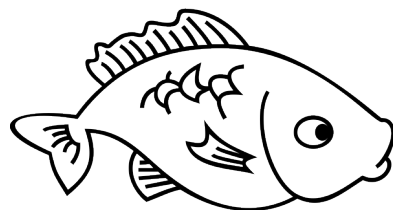
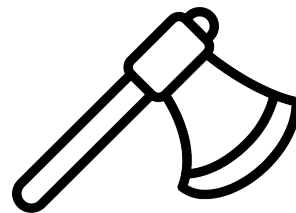
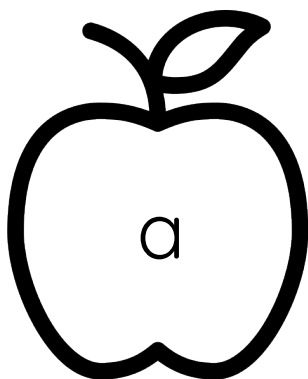
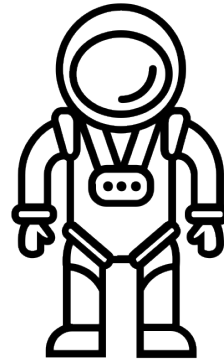
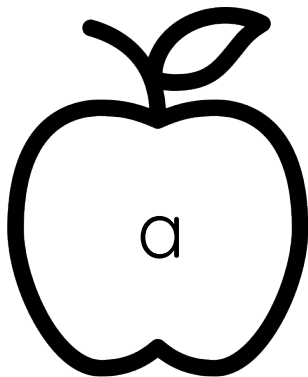
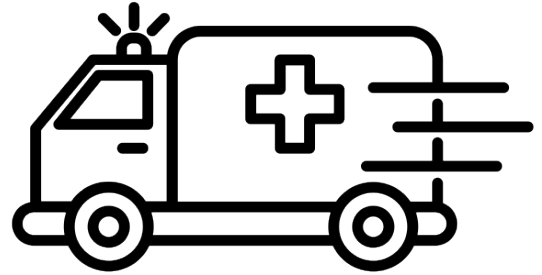
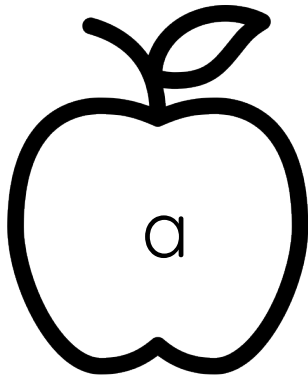
Worksheet No: 8 – Find and colour

Put a circle around all the 'A's and a square around all the 'a's. Use different colours for each.



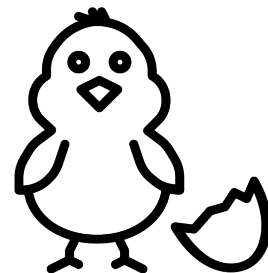
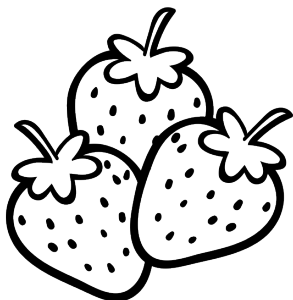
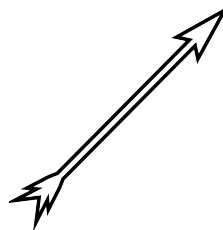
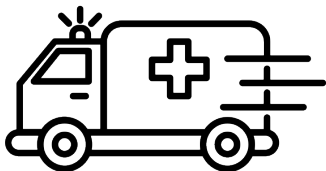
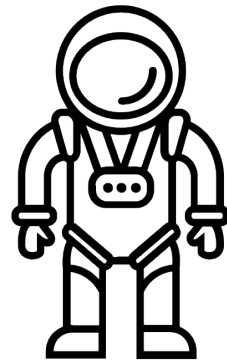
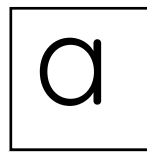
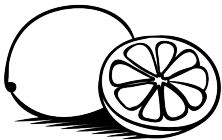
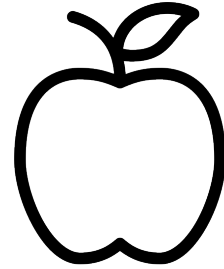
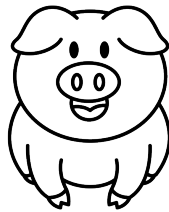
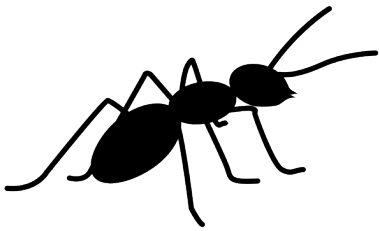
Worksheet No: 9 – Match the ‘a’

Draw a line to help the apple find more things that start with ‘a’ sound



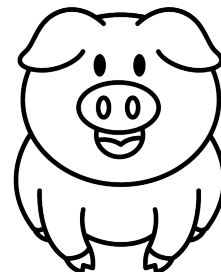
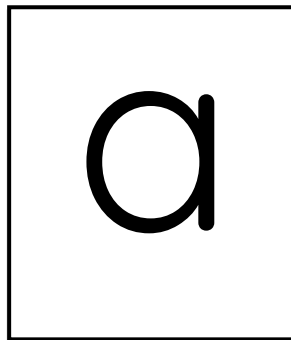
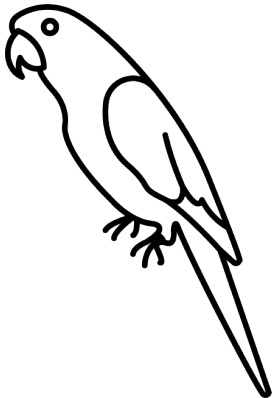
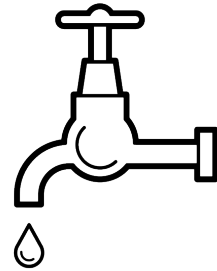
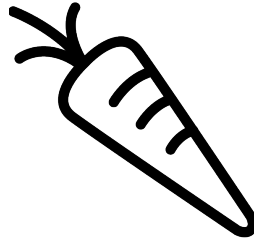
Worksheet No: 10 (a) – Find and colour

Name each object. If the name **starts** with the sound 'a' draw a line from the picture to the letter 'a'



Worksheet No: 10 (b) – Match ‘a’

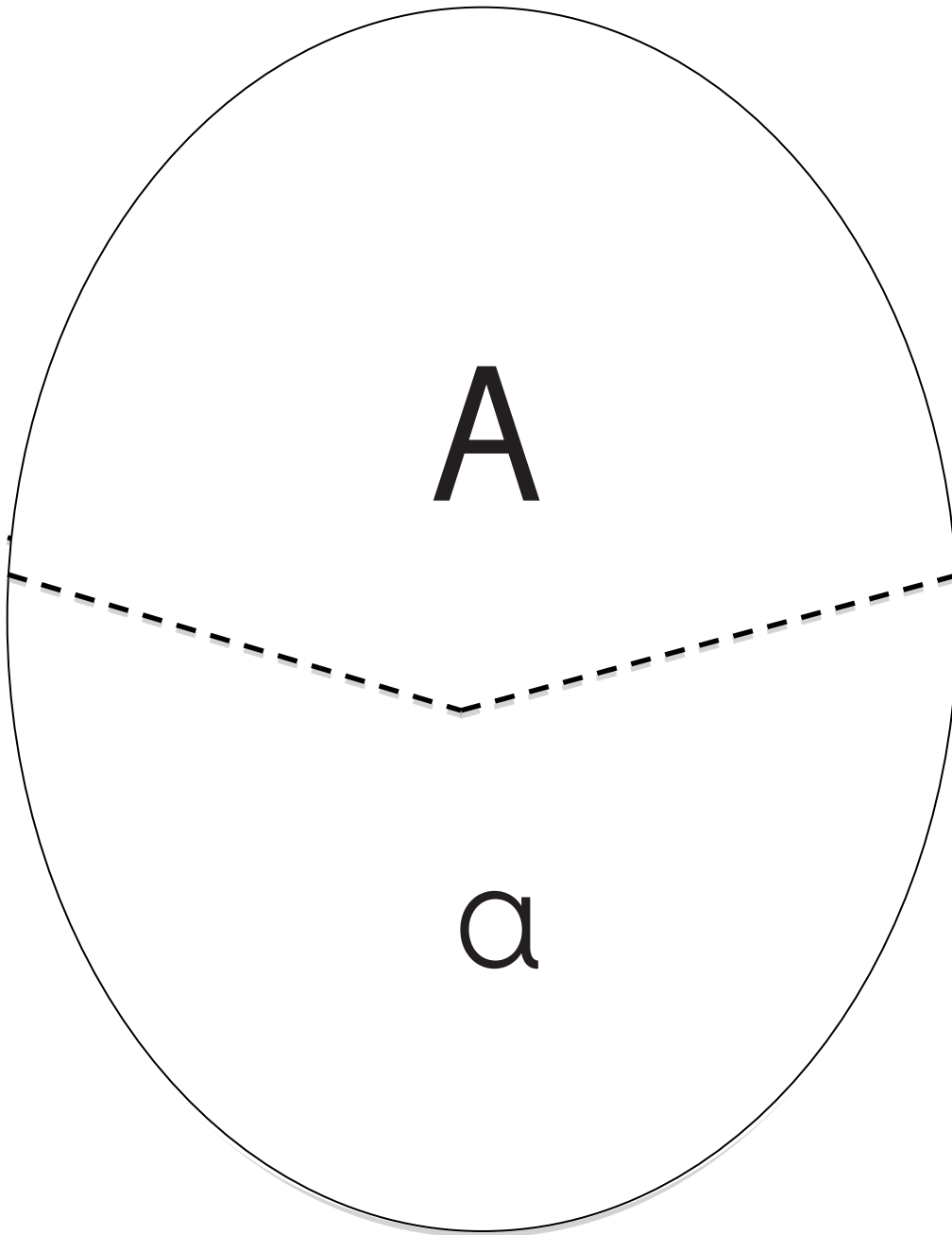
Name each object. If the word has the letter sound ‘a’ (**in the middle**) draw a line from the picture to the letter ‘a’.



Answer: tap, carrot, parrot, hand, and candle

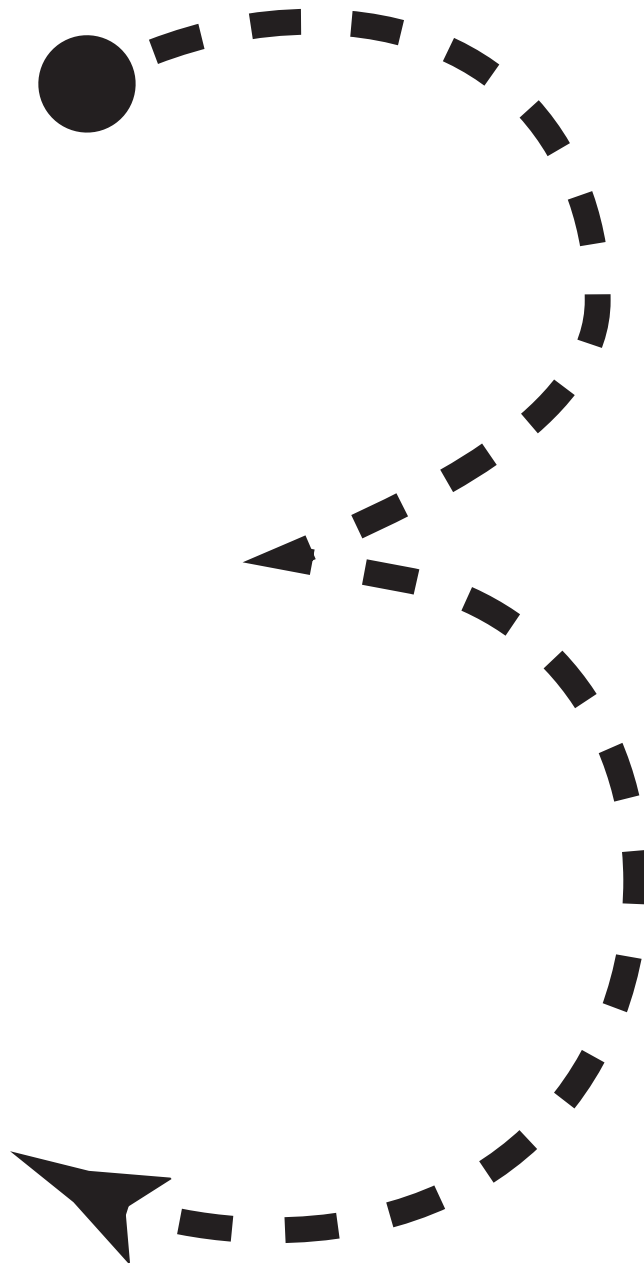
Worksheet No: II – Puzzle of ‘A’ and ‘a’

Cut along the dotted lines and help the children put these 2 pieces together. Make the sound ‘a’ (as in alligator) for both capital and small letters.



Worksheet No: 12 – Join the dots

Join the dots to make the number 3. Start from the dot at the top and go down towards the arrow.



Outdoor Play Aid: I – Cut outs of insects

Cut out each square and arrange the insects on the ground and get the children to step over them when they walk (instead of stepping **on** them)

