

# Stegosaurus

**Difficulty Level : Easy**

**Build Time 45 minutes +**

A gigantic, slow-moving, herbivorous, armoured-dinosaur. The Stegosaurus had a powerful spiked tail and grew to 9 metres long. It lived between 155 and 145 million years ago.

## Instructions

Follow these steps to create your own miniature paper Stegosaurus! For best results, use a ruler to fold the lines sharply and accurately.

1. Cut out the two templates (Parts A and B), following all the red lines.
2. Fold all of the dotted lines, checking the key to see whether to fold them up (valley fold) or down (hill fold).
3. Put Part B to one side.
4. Begin to glue the numbered sections on Part A together.
5. Apply glue to the semi-circular white shape numbered 1 then bend the back leg section and stick the green part on top of it. Repeat on the other side (number 2).
6. Apply glue to the shape numbered 3 and stick the tail section to it.
7. Apply glue to shapes 4 and 5, then curve the two green strips to stick on top. You have created the body of the Stegosaurus!
8. Next, pick up Part B. Apply glue to the backs to glue the back spikes together.
9. Slide Part B into the gap on the top of Part A to finish your Stegosaurus model!

# Ankylosaurus

**Difficulty Level : Easy**

**Build Time 45 minutes +**

A large herbivore with grinding teeth as well as a beak. The Ankylosaurus (an-KIE-loh-saurus) was one of the largest armoured dinosaurs. Its skull was heavily protected, and it had a large tail club for protection against predators. This dinosaur lived between 74 and 67 million years ago.

## Instructions

Follow these steps to create your own miniature paper Ankylosaurus! For best results, use a ruler to fold the lines sharply and accurately.

1. Cut out the two templates (Parts A and B), following all the red lines. Be sure to cut all the way along the red lines into the tail section on Part B.
2. Fold all of the dotted lines, checking the key to see whether to fold them up (valley fold) or down (hill fold).
3. Put Part B to one side.
4. Apply glue to the two shapes numbered 1, then bend them to attach the middle section of the dinosaur.
5. Apply glue to the two shapes numbered 2 and bend them to attach to the front section of the shell.
6. Apply glue to the two shapes numbered 3 and attach the front leg sections.
7. Pick up Part B and apply glue to the shape numbered 4. Attach this part to the back of the shell to form the tail section.
8. Complete the model by applying glue to the two shapes numbered 5 to secure the tail to the body. Your Ankylosaurus is complete!

# Triceratops

**Difficulty Level : Easy**

**Build Time 45 minutes +**

An enormous herbivore with three horns, a parrot-like beak and a huge frill on its head that could grow to nearly 1 metre in width. This giant dinosaur grew to 9 metres in length and lived between 68 and 66 million years ago.

## Instructions

Follow these steps to create your own miniature paper Triceratops! For best results, use a ruler to fold the lines sharply and accurately.

1. Cut out the three templates (Parts A, B and C), following all the red lines. Be sure to cut all the way along the red lines around the flaps numbered 2 and 4 on Part A and the horns on Part C. All red lines must be cut.
2. Fold all of the dotted lines on all three parts, checking the key to see whether to fold them up (valley fold) or down (hill fold). Put the folded Parts B and C to one side.
3. Take Part A. First, glue together the two tail sections.
4. Now add glue to the tabs numbered 1, 2 and 3. Attach them to the back section of the dinosaur.
5. Next, take Part C. Add glue to the white shape numbered 5 and attach the top of the head section to it.
6. Take Part B. Add glue to the two shapes numbered 6 and fix this section to Part C to make the head of your dinosaur, making sure that the two horns are sticking through the gap directly above the head.
7. Finally, going back to Part A, add glue to all of the shapes numbered 4 and attach the completed head to the rest of the body. Your triceratops is finished!

# Pterodactyl

**Difficulty Level : Expert**

**Build Time 1 hour 30 minutes +**

Pterodactyls are a type of pterosaur (a group of flying reptiles that became extinct 66 million years ago) and are not technically dinosaurs, despite living on Earth at the same time.

## Instructions

Follow these steps to create your own miniature paper Pterodactyl! For best results, use a ruler to fold the lines sharply and accurately.

1. Cut out the two templates (and the optional stand, if required), following all the red lines. Be sure to cut all the way along the red lines around the flaps numbered 1, 2, 6 and 7 and around both feet (near flap 1). All red lines must be cut.
2. Fold all of the dotted lines on all three parts, checking the key to see whether to fold them up (valley fold) or down (hill fold).
3. Firstly, add glue to the tab numbered 1 and firmly hold the tail to the top.
4. Next, add glue and fold over to make the two back feet. Repeat this process for the top two sections of wing.
5. Now, pick up the other section and add glue to tab 2 then secure it to the tail part next to it.
6. Next, you need to join the two halves of the Pterodactyl's body. Firstly, glue the two triangular tail parts together, followed by the neck parts.
7. Now, make the head shape by gluing the two tabs numbered 3 to each other. Then, add glue to the two shapes numbered 4 and 5. Bring the two eyes forward and attach them to the shapes 4 and 5.
8. Finally, finish your Pterodactyl model by adding glue to the small tabs numbered 6 and 7 to finish the wings.

## Optional stand:

After cutting out and folding all folds, add glue to the tabs numbered 8 and 9 to create the upright part of the stand. Now add glue to the circular base (tabs numbered 10, 11 and 12) before attaching the upright part.

Your Pterodactyl can be attached to the stand by gluing the top of the stand to the underside of the dinosaur's belly (where the Twinkl logo is).

# Dunkleosteus

(dun-kle-OWE-stee-us) (green template)

**Difficulty Level : Medium**

**Build Time 15 minutes +**

A fierce and powerful carnivorous fish which ate other fish and even sharks. It was speedy in the water and had an armour-plated head. It grew to between 8 and 10 metres long and lived 370-360 million years ago.

## Instructions

Follow these steps to create your own miniature paper Dunkleosteus! For best results, use a ruler to fold the lines sharply and accurately.

1. Cut out the template and fold all the folds according to whether they are hill folds or valley folds (see advice on template sheet).
2. Add glue to tab 1 and join to the other side to make the head.
3. Add glue to either side of the top fin and stick together.
4. Finish your dinosaur by gluing the two tail parts together.

# Deinonychus

(blue template)

**Difficulty Level : Medium**

**Build Time 20 minutes +**

Deinonychus (die-NON-i-kuss) was a carnivorous dinosaur that hunted herbivorous dinosaurs. It grew to 3 metres long and lived 120-110 million years ago. This dinosaur's name means 'terrible claw' because each front foot held one huge destructive claw.

## Instructions

Follow these steps to create your own miniature paper Deinonychus! For best results, use a ruler to fold the lines sharply and accurately.

1. Cut out both of the templates and fold all the folds according to whether they are hill folds or valley folds (see advice on template sheet).
2. Fold and then add glue all the way along to fix both sides of the head and tail together.
3. Pick up the other template to make the rest of the body. First, add glue to tab 1 and stick to the reverse of the dinosaur's left thigh. Repeat with tab 2 on the other leg.
4. Now, pick up the first section and slide it under the second section.
5. Attach the two sections by first gluing the shape numbered 3. Repeat with tabs 4, 5 and 6 to complete your dinosaur!

# Archaeopteryx

(brown and blue template)

**Difficulty Level : Medium**

**Build Time 20 minutes +**

This carnivorous, feathered dinosaur was once considered the oldest known fossil of a bird but has since been reclassified as a dinosaur. Archaeopteryx lived during the late Jurassic period (147 million years ago). It grew to 0.5m tall and moved either by flying or on its two legs.

## Instructions

Follow these steps to create your own miniature paper Archaeopteryx! For best results, use a ruler to fold the lines sharply and accurately.

1. Cut out both of the templates and fold all the folds according to whether they are hill folds or valley folds.
2. First, take the template with the head parts and glue the backs of the head together, including the back spines and the chest parts.
3. Next, take the other folded template and slide its wing section into the gap between the body and the spines of the first template.
4. Secure the two parts together. With the wings open wide, add glue to the shape numbered 1. Bring the dinosaur's thigh down and attach it on top of shape 1.
5. Repeat on the other side, with tab 2.
6. Finally, finish the dinosaur by adding glue to both of the shapes numbered 3 and 4 and bringing the rear section around to attach on top.
7. Your Archaeopteryx is finished and should stand up by itself!

# Spinosaurus

**Difficulty Level : Expert**

**Build Time 1 hour 30 minutes +**

A gargantuan carnivore that grew up to 18 metres in length (about as long as two buses!). The Spinosaurus moved about on two legs, eating fish and other dinosaurs. It lived between 95 and 70 million years ago.

## Instructions

Follow these steps to create your own miniature paper Spinosaurus! For best results, use a ruler to fold the lines sharply and accurately.

1. Cut out the three templates (and the optional stand, if required), following all the red lines. Be sure to cut all the way along the red lines and to cut out and remove the white gaps around tabs 2 and 3.
2. Fold all of the dotted lines on all three parts, checking the key to see whether to fold them up (valley fold) or down (hill fold). When folded, glue the two reverse sides of the spiny section together, ready for later.

**TOP TIP:** When folding the largest template, there are lots of folds! Try folding all the valley folds first, before moving on to the hill folds.

## How to Make the Body

3. On the largest template, begin by gluing tab 1 to the section with the Twinkl logo. Then finish the tail by gluing both sides together.
4. Move on to the smaller tabs numbered 2 and 3. Add glue and bend to attach to make the middle section of the dinosaur.
5. Move to the front section to find the shape numbered 4. Fold down the middle section (to make the shoulders) and then bring together the two sides BEFORE the next step. Now, add glue to attach to the top of the shape numbered 4 to the other side. Turn the dinosaur over and carefully add glue to the back of the section that was numbered 4. Fold the middle section (that made the shoulders) to stick to it.
6. Finish the neck section by gluing the back of the template (with the shapes numbered 13 and 14) together.
7. Move to the back legs. Find tab 5, add glue and attach it to the top part to form the bent knee. Form the ankle joint by adding glue to the small tab numbered 6 and attaching it to the next section. Repeat this process on the other back leg (starting with tab 7 and then 8).
8. Add the spines section to the dinosaur's back by gluing the two tabs to the shapes numbered 9 and 10.

## **How to Make the Head**

9. Now move on to the separate head template. Add glue to the shape numbered 11 and then attach this to the back of the jaw section (the teeth should help you to line it up).
10. Close the back of the head by gluing the shape numbered 12 to the other side.

## **How to Attach the Head to the Body**

11. Now you can attach this head section to the neck of the dinosaur. Add glue to the two shapes numbered 13 and 14 and slide the head section over them before holding to allow the glue to dry.

## **How to Attach the Stand**

12. Finally, make your Spinosaurus stand up by adding glue to the stand on the shapes 15 and 16, then adding his legs to these shapes. Your dinosaur now stands up by itself!

# Tyrannosaurus Rex

**Difficulty Level : Expert**

**Build Time 2 hours +**

## Instructions

Follow these steps to create your own miniature paper T. rex! For best results, use a ruler to fold the lines sharply and accurately. Be warned! This model may take you two hours or more to construct!

**TOP TIP:** Make sure each and every dotted line is folded BEFORE starting to glue! This will really help when assembling all of the parts..

1. Carefully cut out the three templates (Parts A, B and C), following all the blue lines. Take your time and be sure to cut all the way along the blue lines, and to cut out and remove the white gaps around tabs 5 and 12, 17 and up to 7 and 14.
2. Fold all of the dotted lines on all three parts, checking the key to see whether to fold them up (valley fold) or down (hill fold).
3. Starting with the largest section, Part A, make sure that all the dotted lines are folded.

## How to Make the Back Legs

4. First, make the dinosaur's right back leg.
5. Find the shape numbered 1. Add glue to it and attach it to the rectangular shape with the black line in the middle.
6. Next, add glue to the shape numbered 2 and attach the trapezium-shaped flap on top. This is the first part of the right foot.
7. Now, find the folded section with the middle claw. Fold the section you made in Step 4 and place this section with the claw over it. When you are confident with the shape, add some glue to the small shape numbered 3, refold and secure the shape of the foot.
8. It should now be straightforward to add glue to the flap that will meet shape 4 and the bottom of the foot section that will meet shape 5.
9. Next, add glue to tab 6 and attach it to the thigh section. Then, add glue to tab 7 and attach it to the top of the long rectangular shape.

**This completes your T. rex's right back leg!**

10. Repeat the process for the dinosaur's left back leg, working through tabs 8 and 9, then folding the middle claw section over and gluing sections 10, 11 and 12 to form the left foot. Add glue to tab 13 and secure, then add glue to tab 14 and fold the long rectangular shape over to attach to it.

**This completes your T. rex's left back leg!**

## How to Make the Tail

11. Start by gluing the two long, triangular shapes to each other to make the end of the tail.
12. Now fold this whole section to meet the tops of the leg sections you finished in Step 9.
13. When you are confident with how the two sections fold to meet each other, add glue to the shapes numbered 15 and 16 and secure to the similar-shaped tabs on the backs of the dinosaur's thighs.
14. Add glue to tab 17 and tuck inside the tail section to secure.
15. Add glue to shapes 18 and 19 and bring the bottom tail section up to meet them.

**Well done! You have finished assembling Part A! This section should now stand up by itself!**

## How to Make the Upper Body (Part C)

16. Now, take Part C (with the fore-arms). Add glue to tab 1 and secure it to the next section. It should be easy to add glue to the shapes numbered 2 and 3 to complete this open box shape, ready for attaching to your completed Part A.

## How to Attach Parts A and C

17. The completed Part C should show the T. rex's fore-arms and upper body. Add glue to the two flaps either side of its upper body and secure to the two shapes on Part A that say, 'B' (make sure the fore-arms are at the front, not the back, as you do this).
18. You are now ready to assemble and attach the final section!

## How to Make the Head (Part B)

19. First, find the back of the T. rex's throat, above the top of its tongue. Glue the back of this throat section to the back of the section that is showing, 'A'.
20. Next, add glue to tabs 1 and 2. Fold the head, first attaching tab 2, followed by tab 1.
21. Finally, finish off the dinosaur's nose and upper jaw section by gluing and securing tab 3 to the front of its mouth.

## How to Attach the Head Section

22. Attach this completed section to the rest of the body simply by gluing the two areas shown by an 'A' to each other.
23. Complete your fierce T. rex model by bringing the upper arms out from the body slightly and standing it up on a firm, flat surface. Can you pull its head back and drop its lower jaw down to make your Tyrannosaurus Rex roar?

# Baby T-Rex

**Difficulty Level : Easy**

**Build Time 10 minutes +**

## **Instructions**

1. Cut out both parts.
2. Add glue to both halves of the head to tail section to then fold and secure them together. Put to one side.
3. Holding the other folded part, add glue first to tab 1, then to tab 2 and attach them to the back of each thigh section. The bent knees should stick out on either side.
4. Now slide the first section underneath the second section to complete the shape of the baby T. rex.
5. Secure in place by adding glue to the shapes 3, 4, 5 and 6.