

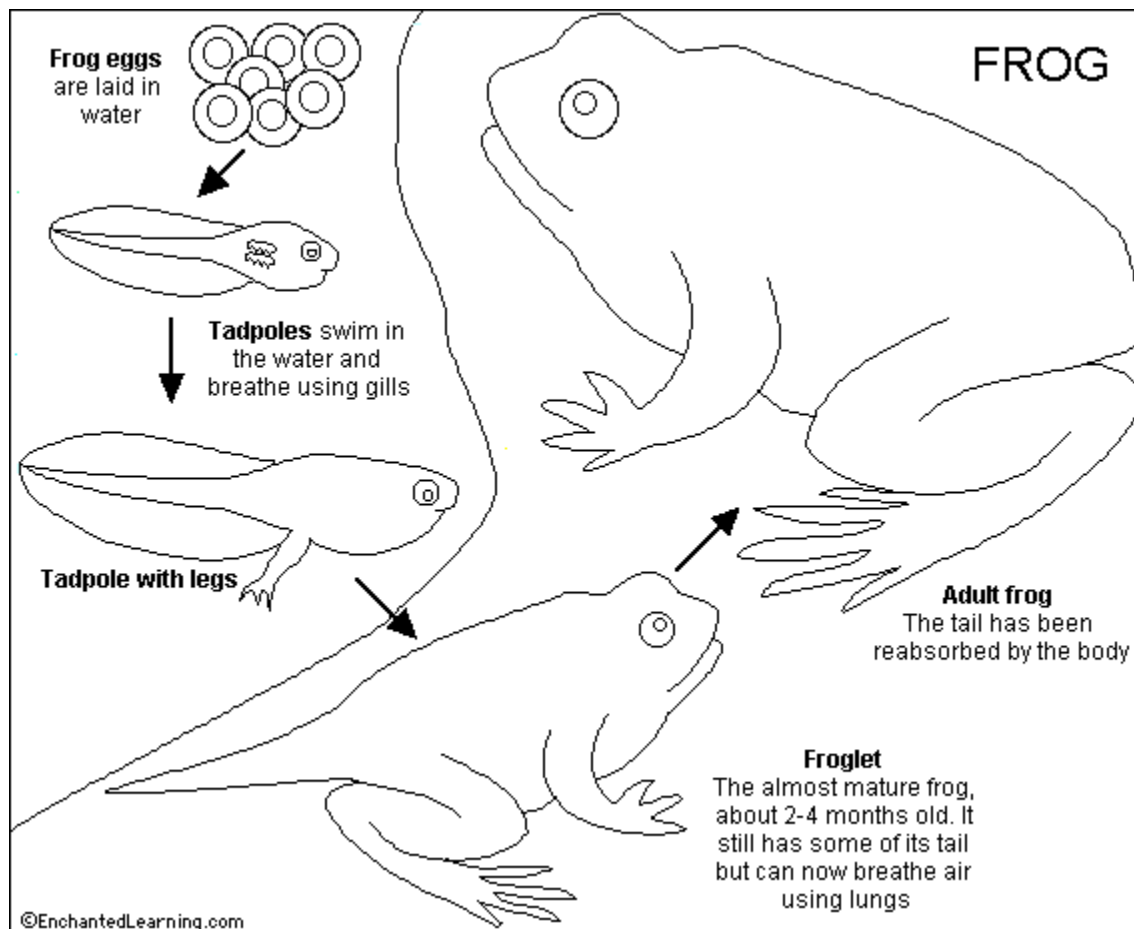


Spotted Grass Frog

**Diary**  
of the  
**amazing transformation**  
of  
**Tadpoles into Frogs**



## Life cycle of a frog



This diary can be used for the whole class to record their observations. In addition, it can be printed for each student to record their individual observations.

The answers/observations can be written, drawn, photos can be added or any other way you think might reflect what you observe/discover. Please fill in the attached weekly count sheet and return it with the equipment at the end of the program.

The tadpoles you have been given are Spotted Grass Frogs.



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**Week 1**

**Date:**

**How big are the tadpoles? - maybe attach a transparent ruler to the outside of the tank to help with the measuring!!**

**How many tadpoles can you see? - Enter your finding into the count sheet**

**What do they eat? - Do they eat at all?**

**How do they move? How do they breathe?**

**What are the different life stages of a frog- can you draw them?**

**Why is tap water harmful to tadpoles and frogs?**

**What do tadpoles need to grow? What do you need to grow?**

**Do you know how to look after tadpoles? Write a list!**

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**Week 2**

**Date:**

How big are the tadpoles now? Have they grown?

How many tadpoles can you see? Enter your finding into the count sheet

Can you remember what species of frog you have? Why does this matter?

How do they move? Do they move at all?

How do they breathe? You need to have a very close look!!

How do you breathe?

What can affect tadpoles in the wild? What animals like to eat tadpoles?

What else can you observe?

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**Week 3**

**Date:**

How big are the tadpoles now?

How many tadpoles can you see? Enter your finding into the count sheet

Do you know what *Limnodynastes tasmaniensis* means?

How do they move now?

How do they breathe now?

Is it time to change some of the water? How can you do it?

What can affect this tadpole stage in the wild?

What else can you observe?

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**Week 4**

**Date:**

How big are the tadpoles now? Have their doubled in size?

How many tadpoles can you see? - Enter your finding into the count sheet

Why do you need to keep them in a warm spot but not too warm?

How do they move now? What part of their body makes them move?

How do they breathe? Can you see small bubbles developing?

Are tadpoles baby fish? Why do they look like fish?

Do tadpoles have eyes? Can you see their heart?

What else can you observe?

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**Week 5****Date:**

**How big are the tadpoles now? Have they grown heaps? Can you remember how small they were at the beginning?**

**How many tadpoles can you see? - Enter your finding into the count sheet**

**Are tadpoles vegetarians or meat eaters? Are they herbivore, carnivore or omnivore?**

**How do they move now? Are they getting faster?**

**How do they breathe now? Can you see how they make bubbles?**

**Where do tadpoles live? How are tadpoles adapted to different environments?**

**What can affect this tadpole stage in the wild? What "enemies" do they have?**

**What else can you observe? Write a list with all your questions and send it to the Frogwatch educator!!**

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**Week 6**

**Date:**

How big are the tadpoles now? - how is their body changing?

How many tadpoles can you see? - Enter your finding into the count sheet

Can you observe their habits?

Do the tadpoles interact with each other?

How could you make your garden at home frog friendly?

Why are we not allowed to take tadpoles or frogs from the wild?

Why are so many frog species going extinct? Which processes threaten tadpoles and frogs in this world?

What else can you observe?

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**Week 7**

**Date:**

How big are the tadpoles now? Are they still growing?

How many tadpoles can you see? - Enter your finding into the count sheet

Which frog legs will come first - front or back?

Have you measured the lengths of your taddies lately?

Do Tadpoles have lungs or gills or both or first one and then the other?

Do all tadpoles develop in water, if not then where else do they grow up?

Do tadpoles have teeth?

What else can you observe? Can you draw the changes?

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**Week 8**

**Date:**

How big are the tadpoles now? Can you observe any changes? Have legs emerged yet?

How many tadpoles can you see? - Enter your finding into the count sheet

Do all tadpoles develop in water, if not then where else do they grow up?

Name five Australian frogs- how many of these are threatened?

How can you help frogs?

Your tank might need an island now- why could this be?

Do tadpoles eat each other?

What else can you observe?

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**Week 9**

**Date:**

Are your tadpoles still growing? Who is bigger- froglet or tadpole?

How many tadpoles can you see? - Enter your finding into the count sheet

Has your tank an island yet? If not, make one now!!

Is the water in the tank nice and warm? Why is warm water important?

How does the water heat up in nature?

How do froglets get ready for their move out of the water to live on the land?

What is the scientific word for the wonderful change from tadpole to frog?

What else can you observe? Make a drawing of your tadpoles.

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**Week 10**

**Date:**

How many froglets do you have? Are there any tadpoles left and if yes, then how many? Enter your finding into the count sheet

What do froglets eat? How can you feed them?

How do froglets move?

Where will the froglets live from now?

What do they do in winter? How can they prepare for the cold weather?

What perils are awaiting froglets once they leave the water?

What fungus makes frogs so sick that they might die?

**What are you farewell wishes for your frogs?**

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**Other comments/feedback**

## Your weekly tadpole/froglet count sheet-

Please fill in every week and return with your equipment at the end of the program.

<b>WEEK</b>	<b>HOW MANY TADPOLES CAN YOU SEE?</b>	<b>HOW MANY FROGLETS CAN YOU SEE?</b>	<b>NOTES</b>
<b>1</b>			
<b>2</b>			
<b>3</b>			
<b>4</b>			
<b>5</b>			
<b>6</b>			
<b>7</b>			
<b>8</b>			
<b>9</b>			
<b>10</b>			