

**Scottish
Book Trust**
inspiring readers and writers



Read, Write, Count: *The Dragon Who Didn't Like Fire* STEM learning activities

STEM learning activities based on *The Dragon Who Didn't Like Fire* by Gemma Merino

Age 6-8

CFE First Level

Resource created by Raising Aspirations in Science Education (RAiSE)

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Contents

| | |
|---------------------------|---|
| About this resource | 2 |
| Learning activities | 2 |
| Further resources..... | 5 |

About this resource

This resource was developed by Raising Aspirations in Science Education (RAiSE) and provides links to some suggestions for further STEM learning activities to complement and enhance children's learning from one of the books included in this year's Primary 2 Read, Write, Count bag. The key themes explored in these activities are: reptiles, forces, engineering, biodiversity and fire.

Please note that some resources, such as the ones from Explorify, require an account to view.

Learning activities

Activity 1: Hatching eggs

HWB 1-50a

Look at the illustrations on the first two pages. Spark a conversation with this [Explorify video of reptile eggs hatching](#). This activity is great for describing observations and applying ideas in unfamiliar contexts.

Activity 2: Who lays eggs?

HWB 1-50a

Use the BBC clip (4 minutes, 8 seconds) to [learn more about the animals that lay eggs](#).

Activity 3: Dragons and reptiles

SCN 1-01a

Dragons aren't real, but if they were they would probably be from the reptile family.

In this online activity from Explorify, can your class [use their reasoning skills to work out what the zoomed in picture is?](#)

Activity 4: The science of fire

SCN 1-04a

"And this little dragon didn't like fire." Find out more about [the science of fire](#) with this YouTube video (33 minutes, 38 seconds) from British Science Week.

Activity 5: Model dragons

TCH 1-09a, TCH 1-10a

If your class has Lego or building blocks, why not build a model dragon? You can find some inspiration on [the Frugal Fun website](#).

Activity 6: How does a dragon fly?

SCN 1-07a

Investigate forces as you make this dragon "fly" with this activity from [Mallard Creek STEM Academy](#).

Activity 7: Build your own wings!

SCN 1-07a

"So the little dragon decided to build her own wings." Design and create some wings for the little dragon or explore flight further with [this o-wing glider video activity from SSERC Primary on YouTube](#) (3 minutes, 14 seconds).

Activity 8: Safe landings

SCN 1-07a, TCH 1-09a

“But she hadn’t thought about the landing.” Can you design and create a parachute for the little dragon? See [the Parachuting Presents guide from The Institution of Engineering and Technology website](#) and [the Make a Parachute! YouTube video](#) (1 minute, 4 seconds) from BBC Teach for inspiration and top tips!

Activity 9: Dragon masks

TCH 1-09a, EXA 1-02a

The Institution of Engineering and Technology website has a guide to [making your own dragon masks](#) inspired by Chinese culture.

Activity 10: What are reptiles?

TCH 1-09a

Learn more about what makes an animal a reptile with [the What are reptiles? resource from BBC Bitesize](#).

Activity 11: Real vs. fiction

SCN 1-01a

Compare the features and habits of real crocodiles and fictional dragons in the story and make links to maths using a Venn diagram. See [BBC Bitesize’s guide to Venn Diagrams](#) for more resources.

Activity 12: Coding

TCH 1-01a, TCH 1-02a

Develop coding skills through [24 dragon themed puzzles in Hour of Code’s activity](#) from Tynker.

Further resources

- Find more learning activities for all the books and resources included in the [Read, Write, Count](#) bags on our website:
 - [Learning resources for the P2 bags](#)
 - [Learning resources for the P3 bags](#)
- Find out more about [RAiSE](#) on the Education Scotland website