



Read, Write, Count: *All Kinds of Friends* STEM learning activities

STEM learning activities based on *All Kinds of Friends* by Sophy Henn

Age 6-8

CFE First Level

Resource created by Raising Aspirations in Science Education (RAISE)

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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 3 Read, Write, Count bag. The key themes explored in these activities are: food chains, interdependence, senses, and biodiversity.

Learning activities

Activity 1: Venn diagrams

MNU 1-20a

Explore what is the same and what is different between you and your friends. Make links to maths skills using a Venn diagram to sort information. You can find [an example Venn Diagram template](#) on Twinkl.

Activity 2: Hermit crabs and dependence

SCN 0-01a/1-01a, SCN 1-02a

Watch the clip from the BBC (2 minutes, 5 seconds) to [find out about hermit crabs](#) and how they depend on each other.

Activity 3: Hermit crabs and anemones

SCN 0-01a/1-01a, SCN 1-02a,

When hermit crabs change shells, they often take their anemone with them! Watch [this clip from BlueWorld TV on YouTube](#) (2 minutes, 39 seconds) to find out more.

Activity 4: Forest bathing

SCN 1-12b, SOC 0-08a, SOC 1-07a

In the book we learned that langur monkeys have excellent eyesight and zebras have an excellent sense of smell. Use all of your senses outdoors in [this Forest Bathing activity from Learning through Landscapes](#) – simply spending time in and with nature, letting it invade our being using all of our senses.

Activity 5: Smell that!

HWB 1-15a, SCN 1-12b

Zebras have excellent sense of smell! Explore the sense of smell by covering some plastic bottles using a sock and identifying what is inside from the smell alone, use this Activity on page 11 from [this year's British Science Week activity packs](#).

Activity 6: Food chains

SCN 1-02a

Oxpecker birds eat ticks, and the wren was helping to feed the bluetits. Support [learning about food chains using the resource from BBC Bitesize](#).

Activity 7: Biodiversity and interdependence

SCN 1-02a

This [Interdependence in Food Webs activity from Learning through Landscapes](#) helps children to visualise the concept of biodiversity interdependence. It can support work on food chains.

Activity 8: Camouflage caterpillars

MTH 1-13a

In the book, the wren was fetching food for the blue tit chicks. [Use the Learning Through Landscapes active game "Camouflage Caterpillars"](#) to develop understanding of adaptation, food chains and encourages number process work through play.

Activity 9: Bird feeders

TCH 1-01a, SOC 1-08a

Use [the RSPB Wild Challenge website](#) to plan, or build, your own bird feeder.

Activity 10: Endangered species

SCN 1-02a

Use [the WWF's teaching resources](#) to learn more about endangered species. The [Dundee Science Centre website](#) contains information about endangered species within Scotland.

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