BIOLOGICAL SCIENCES: EXPLORE

YEAR THREE

INTRODUCTION

Game of "Move Like..."

Questions to recap previous lessons: "How do we know if something is living or nonliving?". Follow questioning with a Post-it-Note activity.

STATIONS

Station one: Animal Classification.

Students will sort a variety of animals into their classification groups, based on observable features. Completion of an animal report.

Enabler: Adjustment of the animal report card. Multiple choice option.

Extender: Justifications of why their animal belongs to that group.

Station two: Mystery Boxes.

Students will explore different living (animals and plants) and non-living objects through touch. They will describe what they feel guess what each box may contain. **Enabler:** Verbal explanations, rather than written.

Extender: Guess, and justify, which classification group the objects would belong to.

Station three: Animal / Plant Snap.

Students, in pairs, will be given a range of snap cards that have different pictures of animals and plants on them. When the same image appears on the pile, both students write down, on a mini-whiteboard, as many observable features they know in 30 seconds. **Enabler:** A change of the target number of observable features, as well as the timing. **Extender:** A change of the target number of observable features, as well as the timing.

CONCLUSION

Game of "Pop Quiz Line Categories". Use of pop-sticks to choose students from the class and questions to recap the lesson.

Gillian Morrell

Year Three: Living things can be grouped on the basis of observable features and can be distinguished from non-living things (ACSSU044)

RESOURCES

Station one: Animal Classification.

- Animal toys.
- Activity sheet.
- Labels for classification groups.

Station two: Mystery Boxes.

- Three large boxes.
- Plants and leaves.
- Household objects (pencils and pens).
- A large lizard / animal toys.
- Feathers.
- Activity sheet.

Station three: Animal / Plant Snap.

- Animal and Plant Snap Cards.
- Timer.
- Whiteboard markers.
- Mini whiteboards.
- Checklist for teacher recordings of objectives.

REFERENCES

Australian Acadamy of Science. (2012). Primary Connections: Biological Sciences. Feathers, fur or leaves. Canberra: Australian Currciulum Reporting and Assessment Authority.

Campbell, C., Jobling, W. & Howitt, C (2018). Science in early childhood (3rd ed). Victoria. Cambridge University Press.

Schools Curriculum and Standards Authority. (2014). Science. Retrieved from https://k10outline.scsa.wa.edu.au/home/p-10-curriculum/curriculum-browser/science-v8

Skamp, K., & Preston, C. (2015;2014;). Teaching primary science constructively (5th ed.). South Melbourne, Victoria: Cengage Learning Australia.

Teacher starter. (2018). Vertebrates Poster. Retrieved from: https://www.teachstarter.com/teaching-resource/vertebrates-posters/

Twinkl. (2016). Editable edible plant parts flash cards. Retrieved from https://www.twinkl.com.au/resource/t2-s-842-edible-plant-parts-flash-cards-editable





