

Learning Rooms

Outdoors

Autumn Activities

- Autumn Letter Hunt
- STEM Water Wheel
- Autumn Colour Sorting
- Dinosaur Hunt
- Stick Skeletons
- Outdoor Fractions
- Conker Rolling

Learning Rooms Outdoors

Autumn

Autumn Letter Hunt

Use seasonal natural materials for literacy. Collect leaves, conkers or acorns and write letters on them. Mix them up, hunt for matching pairs or create short words.



www.learning-rooms.com

Full details here
[https://learning-rooms.com/
autumn-letter-hunt/](https://learning-rooms.com/autumn-letter-hunt/)

Learning Rooms Outdoors

Autumn

STEM Water Wheel

Use recycled materials to make a water wheel, explore forces and experiment to make your wheel more efficient.



Full details and video here
[https://learning-rooms.com/
stem-water-wheel/](https://learning-rooms.com/stem-water-wheel/)

Learning Rooms Outdoors

Autumn

Autumn Group and Sort

Collect fallen natural items into a tray.
Group and sort by colour, texture,
shape or physical properties. Can
you identify all your items?

Full details here

<https://learning-rooms.com/seasonal-trays-autumn-colour-sorting/>



Learning Rooms Outdoors

Autumn

Dinosaur Hunt

Go on a dinosaur hunt, test your observation skills and investigate which colour provides the best camouflage.



www.learning-rooms.com

Full details here
[https://learning-rooms.com/
dinosaur-hunt/](https://learning-rooms.com/dinosaur-hunt/)

Learning Rooms Outdoors

Autumn

Stick Skeletons

Explore the structure and function of animals including humans. Build skeletons using sticks, label the parts and senses.



Full details, templates and labels here
[https://learning-rooms.com/
stick-skeletons/](https://learning-rooms.com/stick-skeletons/)

Learning Rooms Outdoors

Autumn

Outdoor Fractions

Take maths outdoors and use natural materials and manipulatives to create a fractions wall. Recognise, find, name and write simple fractions.



www.learning-rooms.com

Full details here
[https://learning-rooms.com/
outdoor-fractions/](https://learning-rooms.com/outdoor-fractions/)

Learning Rooms Outdoors

Autumn

Conker Rolling

Physics fun with conkers! Investigate gravity and friction related to seed dispersal as you time how long it takes for conkers to travel down a slope.



www.learning-rooms.com

Details, video and labels here
[https://learning-rooms.com/
conker-rolling/](https://learning-rooms.com/conker-rolling/)

Learning Rooms

Outdoors

Spring Activities

- Minibeast hunt
- River in a tray
- British Science Week
- Life cycles relay game
- Spring planting
- Orange bird feeders

Learning Rooms Outdoors

Spring

Minibeast Hunt

Find out what's living in your garden or school grounds. Look under stones and plant pots, logs and leaves. Identify the invertebrates you find before carefully popping them back in their homes.



www.learning-rooms.com

Full details and lesson plan here
[https://learning-rooms.com/
minibeast-hunt-lesson-plan/](https://learning-rooms.com/minibeast-hunt-lesson-plan/)

Learning Rooms Outdoors

Spring

River in a tray

Make your own river and cover the river bank in collected natural items.

What animals might you find living in, on or along a river?



www.learning-rooms.com

Full details here
[https://learning-rooms.com/
river-in-a-tray/](https://learning-rooms.com/river-in-a-tray/)

Learning Rooms Outdoors

Spring

British Science Week - Wandering Woodlice

With 7 pairs of legs, woodlice like to wander! During this simple science investigation you will give woodlice different habitats to explore and observe where they choose to wander.



www.learning-rooms.com

Full details here
[https://learning-rooms.com/
wandering-woodlice/](https://learning-rooms.com/wandering-woodlice/)

Learning Rooms Outdoors

Spring

Life cycles relay game

A fun, outdoor activity to help you explore a variety of different life cycles, many of which can be found in your own school grounds or gardens.



www.learning-rooms.com

Full details here
[https://learning-rooms.com/
life-cycles-relay-game/](https://learning-rooms.com/life-cycles-relay-game/)

Learning Rooms Outdoors

Spring

Spring planting

Spring is the perfect time of year to plant seeds or bedding plants outdoors.

Look after your plants and observe them as they grow. What do they need to survive?



www.learning-rooms.com

Full details here
[https://learning-rooms.com/
spring-planting/](https://learning-rooms.com/spring-planting/)

Learning Rooms Outdoors

Spring

Orange bird feeders

Treat the birds in your garden or school grounds with these simple tasty treats.

Hang them up and watch out for visitors, record the number and species of birds you see.



www.learning-rooms.com

Full details here
[https://learning-rooms.com/
orange-bird-feeders/](https://learning-rooms.com/orange-bird-feeders/)

Learning Rooms Outdoors

Summer Activities

- Pond dipping
- Growing edible plants
- Fruit skin boats
- Stomp rockets
- Running water river project
- Sensory trays
- Duck race

Learning Rooms Outdoors

Summer

Pond dipping

Discover the invertebrates living in your school or local pond. Find out their names and investigate how they are adapted to life in, or on the water. Learn how to collect invertebrates and stay safe around water's edge.



Full details and lesson plan here
[https://learning-rooms.com/
pond-dipping-lesson-plan](https://learning-rooms.com/pond-dipping-lesson-plan)

Learning Rooms Outdoors

Summer

Grow your own edible plants

Learn how to grow your own salad leaves, herbs and kale or experiment with your own seeds. Perfect for a portable kitchen garden and very tasty too! Top tip: Pop the tray lid on to help speed up germination.



www.learning-rooms.com

Full details here
[https://learning-rooms.com/
edible-plants](https://learning-rooms.com/edible-plants)

Learning Rooms Outdoors

Summer

Fruit skin boats

Sail away on a fruity adventure! Your STEAM challenge is to use leftover fruit skins to make a cargo boat. A perfect way to make use of fruit skins left over from preparing a fruit salad.



www.learning-rooms.com

Full details and video here
[https://learning-rooms.com/
fruit-skin-boats](https://learning-rooms.com/fruit-skin-boats)

Learning Rooms Outdoors

Summer

Stomp rockets

Get ready to blast off! Who can build a launcher and design a rocket to blast across the sky? How can you modify your rocket to help it travel even further? Tip: Find a big open space outdoors for your launch.



www.learning-rooms.com

Full details here
[https://learning-rooms.com/
stomp-rockets](https://learning-rooms.com/stomp-rockets)

Learning Rooms Outdoors

Summer

Running water river project

Test your engineering skills as you build a water channel from recycled materials. Will your channel get the water from the top of the hill to the bottom without leaking?



www.learning-rooms.com

Full details and video here
[https://learning-rooms.com/
running-water-river-project](https://learning-rooms.com/running-water-river-project)

Learning Rooms Outdoors

Summer

Sensory trays

Use your senses to explore different textures and materials. Set up a sensory tray walk outdoors and increase the challenge by trying it blindfolded!



www.learning-rooms.com

Full details here
[https://learning-rooms.com/
sensory-trays](https://learning-rooms.com/sensory-trays)

Learning Rooms Outdoors

Summer

Duck race

A cleverly disguised physics activity where the ducks are the star of the show! How will you get your duck to the end of the channel in the shortest possible time?

Gratnells

Learning
Rooms

www.learning-rooms.com

Full details here

[https://learning-rooms.com/
duck-race](https://learning-rooms.com/duck-race)