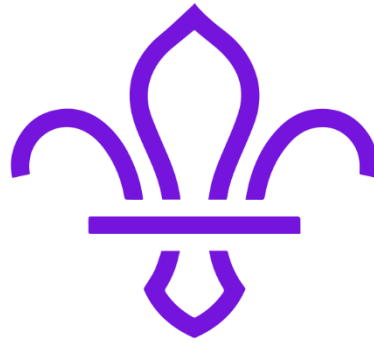




Badges

For

SCOUTS

To Try at Home

Dear Scouts/Parents/Guardians

Badgework is crucial for the development of young people in Scouting. It serves as a structured way to recognise and celebrate the achievement of Scouts which can include outdoor skills, creative pursuits and life skills.

Completing badges encourages Scouts to learn new skills, develop confidence and work on personal goals. They also provide a sense of accomplishment and progression, motivating Scouts to continue their journey in Scouting. Additionally, badgework can be a valuable tool for Scouts to demonstrate their skills and interests to others, whether at meetings, camps or home activities.

Scout badges aren't just patches – they're proof of growth, courage and curiosity, whether earned at meetings, in the great outdoors or around the dinner table, each one tells a story of a young person's development. From their first badge to their tenth, knowing how to earn Scout badges empowers youth to grow, explore and take pride in their journey.

If you'd like to enjoy some Scouting activities at home, this booklet will give you ideas of badges which can be completed away from the Troop.

Choose the one(s) that interest you most and complete all the requirements listed. There will be various ways to show us you have completed your badge, it could be for example:

- ✿ Preparing photographic/video evidence
- ✿ Physical examples of the tasks done
- ✿ Having a declaration (included with the relevant badge in this pack) signed by an instructor/qualified coach, Countryside Ranger or Warden
- ✿ For some badges you will also discuss elements of your badge with a Section Volunteer or other members of the Troop

Please choose to complete badges that you haven't already earned with us, as unfortunately we cannot award the same badge twice.

If you have really enjoyed earning one of your activity badges, you can earn an "Activity Plus" badge. To do this we must agree on some requirements together for you to complete. This is available for any of your activity badges, not just the ones in this pack. Please let me know if this is something you'd like to do and we'll work together to get you going!

If you have any questions about completing a badge, or you're not sure about something, please chat with me, or any of the Section Volunteers.

Yours in Scouting,

John Gillespie
Section Lead Volunteer

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Air Researcher Activity Badge



How to earn your badge

Choose **ONE** of the following options.

Then complete all tasks under your chosen option.

Option 1

Research one historical aspect of flight and share what you find out with the Troop.

You might like to find out about:

- ✿ the development of aviation or flight over a period of time agreed with your Section Volunteer
- ✿ the development of airships from their first construction in Inchinnan to their use in present day
- ✿ a type of aero engine, such as a jet or piston engines in general, or a specific engine like the Rolls-Royce Merlin
- ✿ the development of an aircraft type, like a Spitfire, Boeing 747, Harrier, Stealth Bomber, space shuttle or the Wessex helicopter. You could find out details about its history, role and achievements
- ✿ the development of Renfrew Airport from its time as an RAF base in WW1 through WW2, and the development of the Scottish Air Ambulance service
- ✿ the story of pioneering pilot Winifred "Winnie" Drinkwater

While you're doing your research, visit at least one place of interest that relates to your chosen subject.

It could be a museum, an air display or an aeronautics factory.

- ✿ Present what you have found out.

2RT → Create a photo board or vlog of your findings, be prepared to discuss these with your Section Volunteer and other Scouts.

Your presentation should include a model that you have made based on your subject. You should also include diagrams and pictures wherever you can.

Option 2

Learn to recognise 38 out of the 50 aircraft listed in The Scout Association's Aircraft Recognition List.

Complete one of these activities:

- ✿ By yourself or with another Scout, take photographs or collect pictures of at least 10 different aircraft types. Name the different types and their uses.
- ✿ Visit an airfield or airport viewing area, for at least an hour.
- ✿ Record the aircraft you spot, including any distinctive features and the aircraft's approximate heading.

Complete one of these activities:

- i. Recognise and name the national aircraft markings, both service and civil, of at least six countries including the United Kingdom.
- ii. Learn the RAF and NATO system of letter designation according to aircraft function. Give examples of three designations.
- iii. Name three basic training aircraft used in private flying.
 - ✿ Give a brief report on one, naming a club and airfield where it is used.
 - ✿ Try to make it a local airfield, if possible.
- iv. Describe the main features you would use to recognise six aircraft, which have been chosen by an appropriate adult.

2RT ➔ Create a photo board or vlog of your findings, be prepared to discuss these with your Section Volunteer and other scouts.

Your presentation should include diagrams and pictures wherever you can

Air Researcher Activity Badge - Resources and Links

Combat aircraft	Airliners
✿ BAe Hawk	✿ Aerospatiale/Aeritalia ATR-42/72
✿ BAe / McDonnell-Douglas Harrier II	✿ Airbus A-318/319/320/321
✿ Lockheed F-16 Fighting Falcon	✿ Airbus A-350
✿ Lockheed Martin F35 Lightning II	✿ Airbus A-380
✿ Eurofighter Typhoon	✿ Boeing 737
✿ McDonnell-Douglas F-15 Eagle	✿ Boeing 747
✿ McDonnell-Douglas F-18 Hornet	✿ Boeing 777
✿ Panavia Tornado	✿ Boeing 787 Dreamliner
✿ SAAB Gripen	✿ Bombardier Dash-8
✿ McDonnell Douglas F-22 Raptor	✿ Bombardier Regional Jet CRJ700/900/1000
✿ Dassault Rafale	✿ Embraer ERJ-135/145
✿ Sukhoi Su-27/30/35 Flanker	✿ Embraer EMB170/190
Helicopters	Light and executive aircraft
✿ McDonnell Douglas MD-900 Explorer	✿ BAe Jetstream 32/41
✿ Boeing-Vertol CH-47 Chinook	✿ Cessna 150/152
✿ Eurocopter EC135	✿ Grumman Gulfstream 2/3/4/5
✿ McDonnell-Douglas AH-64 Apache	✿ Piper PA-28 Cherokee
✿ Robinson R-22/R-44	✿ Beechcraft King Air
✿ Aérospatiale SA 330 Puma	✿ Robin DR.400/500 series
✿ Agusta Westland Merlin	✿ Cessna Citation
✿ Sikorsky UH-60 Black Hawk	✿ LearJet
✿ Sikorsky S-92	✿ Grob Tutor G115E
Large military aircraft	Heritage aircraft
✿ Airbus A400M	✿ Hawker Hurricane
✿ Boeing C-17 Globemaster	✿ Supermarine Spitfire
✿ Boeing KC-135 Stratotanker/E-3 Sentry	✿ Avro Vulcan
✿ Lockheed C-130/J Hercules	✿ Avro Lancaster

Useful Links:

- [RAF aircraft](#) - images and information about the RAF's active aircraft
- [RAF Top Trumps card game](#) - Beat the Stats, A full set of Top Trump Cards and rules based on current and historical RAF aircraft.
- [Air-Britain aviation image library](#)
- [Jetphotos.com](#) - an aviation photography website
- [Aviationpix.co.uk](#) - aviation photography by photographer Steve Crampton
- [Planespotter.org](#) - a database of aircraft and photo

Artist Activity Badge



How to earn your badge

Choose **ONE** of the following options,
Then complete all tasks under your chosen option.

Option 1: Artist

1. Paint, draw or illustrate each of these:

- ✿ a scene from a story
- ✿ a person or object
- ✿ a landscape

2RT → Bring these in, show them to your Section Volunteer and be prepared to talk about them.

2. Show a selection of your own recent work.

2RT → Bring in 3 additional pieces of work, show them to your Section Volunteer and be prepared to talk about them

Option 2: Arts Enthusiast

1. Choose a favourite art form or artist to take an active interest in. It doesn't have to be painting – it could be pop music, sculpture, theatre, architecture, break dancing or anything similar.
2. Describe two visits you have made that are connected to your interest. You can use photographs, films, recordings, concert programmes, ticket stubs, newspaper reviews or websites to illustrate your point.
3. Show that you know a lot about an aspect of your interest. You could talk about a particular piece of art, like a painting, performance, sculpture or building. Or you could discuss a particular person or historical period connected with your chosen art form.

2RT → Discussions should be with your Section Volunteer and any other Scout undertaking the badge

4. Make a list of major events, exhibitions or venues connected with your chosen subject. Talk about why the items on your list are important.

2RT → Discussions should be with your Section Volunteer and any other Scout undertaking the badge

Craft Activity Badge



How to earn your badge

To achieve this badge you need to make or decorate one or more articles using, whenever possible, original design ideas.

You should discuss this project beforehand with one of your Section Volunteers

It should take around six hours to complete the project.

Here are some items you could make:

- ✿ A container using basket making, woodturning, pottery, embroidery on plastic canvas, glass blowing or fibreglass construction.
- ✿ A belt, bag, wall hanging, tablemat or waistcoat by weaving, macramé, beadwork or from leather.
- ✿ An item of clothing or soft furnishing, by sewing or knitting. You may follow a pattern.
- ✿ You could decorate clothing or soft furnishing (such as a cushion or tablecloth) using embroidery, tapestry, lace making, tie and dye, wax and dye or fabric paints.
- ✿ A picture, using techniques like mosaic, staining glass, quilting, calligraphy, pyrography, pressed flowers, fabric collage, printing with potato, lino, string, drypoint, aquatint or silkscreen.
- ✿ Decorate a material (such as wood, metal or glass) by engraving or etching. You could even try painting metal with cold enamel.
- ✿ Make a decorative item through candle making, arranging flowers, carving (using materials such as wood, slate, stone or soap), fly tying, jewellery making, pewterwork, copper or silversmithing, stone polishing, stone masonry or sculpture.
- ✿ Make a small item of furniture.
- ✿ Decorate a cake for a special occasion.

2RT ➔ Prepare a photo board or a vlog of you working on your project and bring it in to show to your Section Volunteer. You should also be prepared to discuss the project with your Section Volunteer.

DIY Activity Badge



How to earn your badge

1. Show you can work safely and know about the following:

- ✿ How to assess the risks associated with the task you are about to undertake.

2RT → Assess the possible risks associated with the task you are about to undertake and take actions to stay safe. Be prepared to explain these to a Section Volunteer.

- ✿ Hazard symbols and signs (for dangers such as toxic, irritant, electrical danger etc).

2RT → Be prepared to explain the symbols show on the next page to your Section Volunteer, or create a vlog in which you talk through the same symbols.

- ✿ Safety equipment (such as goggles, gloves, masks, ear defenders).

2RT → Prepare photo board or vlog of you wearing some pieces of safety equipment, explain their purpose and give examples of when you would use these.

- ✿ How and where to turn off mains supplies (such as water, electricity and gas) to the house.

2RT → Prepare photo board or a vlog of you showing the supply points in your home, explain how you would turn these off and provide examples of when you would do that.

2. Learn how to safely isolate individual electrical circuits at the consumer unit. This includes letting other users know that work is being carried out.

2RT → Prepare photo board or a vlog of you showing the isolation of the consumer unit. Demonstrate how to do this to a Section Volunteer using the consumer unit at the Scout Hall

3. Show or explain how you would deal with four DIY emergencies for example:

- ✿ unblocking a sink
- ✿ patching a leaking pipe
- ✿ adjusting the float arm of a cistern
- ✿ changing a lightbulb
- ✿ hinge a door back in place
- ✿ fixing a door bell ringer
- ✿ stabilising a wobbly stair rail
- ✿ repairing a tear in clothes or upholstery
- ✿ removing common stains e.g. ink, wine, and coffee

2RT → Prepare a photo board or a vlog of you showing or explaining four of the requirements listed above.

4. Take an active part in two major DIY projects, indoors or outside. You could:

- ✿ prepare and paint, paper or tile the walls of a room
- ✿ prepare and paint woodwork or furniture
- ✿ fit a curtain track and hang curtains
- ✿ make a freestanding storage unit or put up shelves
- ✿ cover a floor with vinyl overlay, lino, tiles or carpet
- ✿ hang a door and fit or repair locks and other door furniture
- ✿ lay a patio, decking or path
- ✿ build a low wall, barbecue, gate or fence
- ✿ carry out routine service checks on a car, then clean and polish the car

2RT → Prepare a photo board or a vlog of you taking an active part in the DIY projects listed above.

Alternatively, you could do any other projects of a similar skill level. Agree what you'll do with an adult who is skilled in the relevant areas.

Symbol	Symbol	Symbol	Symbol
			
			
			

Environmental Conservation Activity Badge



How to earn your badge

1. Find out about an environmental issue that is important to your local community. It might be linked to:

- ♣ recycling and conservation
- ♣ energy efficiency in the home or your meeting place
- ♣ the building of new homes and local land use
- ♣ water, light, thermal, air or beach pollution
- ♣ coastal erosion
- ♣ the impact of tourism on the local environment.

2RT → Prepare photo board or a vlog of you talking on an issue listed above and be prepared to discuss these with your Section Volunteer.

2. Take part in an activity or project that improves local conservation. It could take place during a weekend conservation camp, or you could spread it over at least five weekly sessions. You could look at:

- ♣ recycling
- ♣ reducing energy usage or renewable energy
- ♣ protecting important habitats or wildlife
- ♣ pollution
- ♣ erosion
- ♣ flooding

2RT → Prepare photo board or a vlog of you talking on an issue listed above and be prepared to discuss this with your Section Volunteer.

Check if your school takes part in the Eco Schools Programme and discuss options to demonstrate your participation with your Section Volunteer.

3. Get involved in a campaign to make others aware of an environmental issue.

You could write to your MP and other local agencies or speak to a community group.

Equestrian Activity Badge



How to earn this badge

1. Riding

- ✿ Show you can catch a pony from a field or stable and tack up for riding.
- ✿ Walk, trot and canter a pony.
- ✿ Jump over small fences.

2RT → Prepare photo board or a vlog of you talking on an issue listed above and be prepared to discuss this with your Section Volunteer.

2. Grooming and care

- ✿ Groom your pony correctly and explain why it is necessary.
- ✿ Show you know how to take care of saddlery and other equipment.

2RT → Prepare photo board or a vlog of you demonstrating the skills listed above and be prepared to discuss this with your Section Volunteer.

3. Horse health

- ✿ Find out about some of the basic health issues affecting horses and ponies, including worms and laminitis.
- ✿ Show you have a basic knowledge of grass management.
- ✿ Show you recognise poisonous plants and the results of overgrazing.

2RT → Prepare photo board or a vlog of you talking on points above and be prepared to discuss this with your Section Volunteer. You could bring a book or poster showing the common weeds that affect horses if the weeds are not growing yet.

4. Safety

- ✿ Talk about road safety for riding.
- ✿ Explain why you need a hat, body protector, stirrup and other safety equipment.

I confirm that _____

has achieved the requirements for the Equestrian Activity Badge

Name _____

Signature _____

Equestrian Centre _____

Farming Activity Badge



How to earn this badge

Choose **ONE** of the following options:

Then complete all tasks under your chosen option.

1. Farming

- a. Learn about farming practices in your area.
- b. Find out about the organisation, as well as the daily and seasonal operations, of a farm of your choice.

Make a note of practices relating to livestock, crops, cultivation, rotation, machinery and labour force.
- c. Find photos to demonstrate the changes in farming practices that have taken place over a number of years.

2. Smallholder

- a. Cultivate an area of garden or an allotment for a specific length of time. Agree this beforehand with your Section Volunteer.
- b. Show you're successful in growing:
 - ✿ three kinds of hardy annual flower
 - ✿ three kinds of vegetable
 - ✿ two kinds of bulbs, herbaceous plants, flowering shrubs or rose
- c. Keep a record of the work you've done and the results you've achieved. This could include height records of the flowers, for example.

3. Livestock

- a. Keep any kind of livestock for at least three months.
- b. You could:
 - ✿ look after farm animals or birds, and learn how they should be housed, fed and bred as well as their economic uses.
 - ✿ how to handle them safely and learn about animal welfare.
 - ✿ manage a hive and bring in some of the honey you produce.

2RT ➔ Prepare photo board or a vlog of your actions in your chosen option. above and be prepared to discuss this with your Section Volunteer.

Fundraising Activity Badge



How to earn this badge

1. Identify and organise a fundraising initiative for either:

a. The Scout Association

- ✿ to promote and grow Scouting nationally, or
- ✿ your local group to pay for something like new equipment or a new roof.

b. another registered or local charity

2. Think of a short reason that tells potential donors about your chosen cause.

It must be inspiring and clear to raise the most money.

3. Set a target and a date by which you'll have raised the money.

We suggest a minimum of £100.

4. Prepare a presentation about your fundraising challenge and submit it to your Section Volunteer or to your Scout Troop.

5. Detail the cost versus the amount raised and give three top tips that could help other fundraisers.

2RT → Prepare a photo board or a vlog of you taking part in your fundraiser event and be prepared to discuss this with your Section Volunteer.

Bring in a photo of you presenting your money to the chosen charity.

Hobbies Activity Badge



How to earn this badge

Choose **ONE** of the two options below.

Then complete all tasks under your chosen option.

Option 1

1. Take up a hobby or interest that you do not already have an activity badge for.
2. Keep a record of your hobby for at least four months.

2RT → Prepare photo board or a vlog of you taking part in your hobby and be prepared to discuss this with your Section Volunteer.

Option 2

1. Make a collection or study of objects for at least four months.
2. Talk to your Patrol/Section Volunteer or your Troop about the collection or study you chose. Explain why you chose your objects and what you like about them.

2RT → There's no limit to the things that you can collect, here are some suggestions: Lego, comics/magazines, trading cards, types of stone, coins, stamps, hat badges – use your imagination.

Librarian Activity Badge



How to earn this badge

1. Show that you know how to look after books and e-readers.

2RT → Prepare photo board or a vlog of you showing and talking about how to look after books this could include things like:

Books

- Storage, including standing, leaning, lying flat
- Shelving and how to remove books
- General care – cleaning, folding pages

E Readers

- Handling, use of cases
- Storage
- Screen protection
- Water safety
- Software and security

2. Show that you can use a library catalogue.

2RT → We'd like you to explain what the Dewey Decimal system is and for bonus points, be able to give some examples of that system's codes.

3. Explain how fiction and non-fiction books are arranged on the shelves.

Why are they treated differently?

4. Learn what is meant by a reference book or material.

2RT → Use some of these references to gather information for a journey with a purpose and explain this journey to your Section Volunteer:

- Leisure leaflet or webpage
- Bus or train timetable
- Almanac or who's who

5. Show how you would search for information using the internet.

6. Talk to your Section Volunteer about:

- 🦋 three books you have read and why you enjoyed them
- 🦋 information you found from books or websites
- 🦋 getting books on the internet for e-readers.

Local Knowledge Activity Badge

How to earn your badge

Choose **ONE** of these **THREE** options, depending on where you live. Then complete all tasks under your chosen option.



Option 1: Rural and Suburban Areas

1. Show that you know the local area surrounding your home or Scout Hall, up to a radius of 2 kilometres in suburban districts and 5 kilometres in rural districts. Locate as many as you can of these:
 - ✿ doctors, veterinary surgeons, dentists, hospitals and ambulance station
 - ✿ fire station, police station, garages, shopping centres, retail parks and convenience stores
 - ✿ main bus stops, railway stations and local routes of buses and trains
 - ✿ local Scout Headquarters, public parks, theatres, sports and leisure complexes and cinemas
 - ✿ places of worship, museums, schools, colleges and local government buildings
 - ✿ local routes that take you to the nearest motorway or national routes.
2. Use a street map to point out six locations from step 1. From your home or Scout Headquarters, show the quickest route to one of the places.

Option 2: Urban areas

- ✿ Gain a general knowledge of what parts of the country are served from your local airport, mainline railway and coach stations.
- ✿ Find out how to reach the local airport, mainline railway and coach stations, and major tourist attractions from your Scout Headquarters or home.
- ✿ Show how to use a map of your district. Use it to point out any six places of interest. Show how to get to these places from your Scout Headquarters or home.
- ✿ Give clear directions to a place of interest 8 kilometres away, to a person travelling by car or public transport.
- ✿ Find out which major local roads link to the motorway and A-road network and the main cities these roads serve

Option 3: Heritage

1. Study an aspect of national history, local history or family heritage. Exhibit or present the results to other people.
2. Over a period agreed with your Section Volunteer, get involved in a project to help preserve some aspect of national or local heritage.

2RT ➔ The Group is undertaking an archiving project which will help secure their history for future generations. You could discuss options to help this project with your Section Volunteer. Click [here](#) to see the Group's website including 'Our History'.

Martial Arts Activity Badge

Hone your combat skills in Martial Arts. Display a blend of strategy, strength and calmness under pressure.



How to earn this badge

Requirements

- 1. Take part in a regular martial arts activity that's recognised by your sports council for at least six months.**

Show how you've improved by at least one level over that period

- 2RT → We'd like to see the following being completed correctly:
- ✿ Assume your opening (or neutral) stance.
 - ✿ Demonstrate a strike with your front/back arm.
 - ✿ Demonstrate a kick with your front/back leg.
 - ✿ Show how you would retreat from an opponent.
 - ✿ Select two or three movements and perform them in sequence. (If you have learnt a kata, you could demonstrate it at this point.)
 - ✿ Perform your favourite movement.
 - ✿ Perform the movement you are proudest of having learnt.
 - ✿ Show how you would greet and thank an opponent at the beginning and end of a competition.

- 2. Take part in a competition or demonstration and talk about your performance with an instructor.**

I confirm that _____
has achieved the requirements for the Martial Arts Activity Badge

Name _____

Signature _____

Coach / Sensei / Shifu / Kru / Sabumnim (delete as appropriate)

Club _____

Mechanic Activity Badge



How to earn your badge

Choose **ONE** of the four options.

Then complete all tasks for your chosen option.

Option 1: Motor Car

- ✿ Learn the principles of operating an engine. Make sure you understand the function of the clutch, gearbox and rear axle differential.
- ✿ Show how to check and refill the windscreen wash bottle of a car.
- ✿ Show how to change a bulb at the front and in the rear light cluster of a car.
- ✿ Show how to check the level of coolant in the radiator, 'top up' the radiator and explain the importance of anti-freeze.
- ✿ Show how to check tyre pressures and inflate a tyre correctly.
- ✿ Remove and replace a road wheel.
- ✿ Explain what to look for when checking that a tyre conforms to the legal requirement. Find out why tyres with different amounts of wear should not be mixed on the same axle.
- ✿ Show how to change a wiper blade.
- ✿ Explain the outline requirements for an MOT road test.

2RT ➔ Prepare a photo board or vlog of you undertaking all the actions listed above and be prepared to discuss these with your Section Volunteer.

Option 2: Power Boat

1. Complete one of these activities:

- ✿ Discuss the principles and performance of several types of motorboat engines, other than two-stroke. Show that you know the maintenance needed for a familiar type of marine internal combustion engine, other than two-stroke.
- ✿ Assist with the maintenance, dismantle, service and reassemble an outboard engine. Show how to fit it properly to the transom of a boat. Explain how to detect minor faults in starting and running whilst afloat.

2. Complete one of these activities:

- ✿ As driver or mechanic member of a power boat's crew, help to prepare the boat for a voyage by checking the engine for possible minor faults, checking the fuel supply and pump and mustering the fire-fighting equipment. Show you know how to leave the engine in a proper manner and how to drain the engine in an emergency.
- ✿ Check the engine of a motorboat in preparation for a cruise or expedition, making sure there is fuel that is stored safely, an adequate tool kit and effective fire-fighting apparatus. Accompany the expedition, either as the mechanic or assistant, and be fully or jointly responsible for the operation, care and maintenance of the engine throughout.

2RT ➔ Prepare a photo board or vlog of you undertaking all the actions listed above and be prepared to discuss these with your Section Volunteer.

Option 3: Aircraft

1. Learn the basic principles of one these component parts and be able to point them out:
 - ✿ an aircraft piston engine
 - ✿ an aircraft gas turbine engine
2. Learn the basic principles of flight and airframe construction of a fixed wing aircraft.
3. Learn and then demonstrate Aircraft Marshalling signals used by day and night.
4. Show you can carry out any four of these:
 - ✿ replenishing a light aircraft fuel and oil system safely
 - ✿ rigging and de-rigging a glider
 - ✿ picketing a light aircraft
 - ✿ changing plugs on a light aircraft engine
 - ✿ inspecting aircraft main and tail or nose wheel tyres for serviceability
 - ✿ repairing a small tear in the fabric surface of a light aircraft or glider
 - ✿ checking the control system of a light aircraft or glider for correct sense of movement.

2RT → Prepare a photo board or vlog of you undertaking all the actions listed above and be prepared to discuss these with your Section Volunteer.

Option 4: Motorcycle or scooter

- ✿ learn the principles of operating an engine. Learn about the function of the clutch, gearbox, carburettor and transmission of a motorcycle
- ✿ check and top up the level of the engine oil
- ✿ explain how to adjust the tension of the final drive chain
- ✿ show how you change a bulb at the front and in the rear light cluster
- ✿ show how you would check tyre pressures and inflate a tyre correctly
- ✿ remove and replace a road wheel
- ✿ explain what to look for when checking that a tyre conforms to the legal requirement
- ✿ explain the outline requirements for an MOT road test

2RT → Prepare a photo board or vlog of you undertaking all the actions listed above and be prepared to discuss these with your Section Volunteer.

I confirm that _____ has achieved the requirements for Section 1. 2. 3. 4 of the Mechanic Activity Badge (delete as appropriate)

Name _____

Signature _____

Company _____

Meteorologist Activity Badge



How to earn your badge

1. Explain how each of these are measured:

- ✿ wind force and direction
- ✿ cloud type and extent
- ✿ temperature
- ✿ pressure
- ✿ rainfall
- ✿ humidity

2. Record the weather conditions every day for two weeks, or once a week for three months. Use equipment like a rain gauge or an outdoor thermometer.

3. Identify different cloud types. Describe how they are formed.

4. What do 'warm' and 'cold' air masses in summer and winter do to the typical weather in your area? Describe the effects on land and sea.

5. Explain how weather forecasts are created.

6. Show that you understand a synoptic weather map, including fronts and isobars. Explain how the measurements in step 1 relate to the map.

2RT ➔ Prepare a photo board or vlog of you undertaking all the actions listed above and be prepared to discuss these with your Section Volunteer.

Model Maker Activity Badge

Show your creativity and attention to detail as you become an expert Model Maker.



Choose **ONE** of the following **FIVE** options.

Then complete all tasks under your chosen option.

1. General model making

- a. Choose one of these activities:
 - ✿ Build a model using a plastic or white metal kit or pre-cast figures.
 - ✿ Design and construct a model from a wood, plastic or metal construction set, such as Lego or Meccano.
- b. Show You know the different types of kits or parts available in the material you chose.
- c. Talk about the experience of building the model with a knowledgeable adult.

2. Model aeroplanes

- a. Build a model aeroplane, using a kit if you want to. It must meet one of these target flight performances:
 - ✿ A hand-launched glider must fly for 25 seconds.
 - ✿ A tow-launched glider must fly for 45 seconds, with 50 metres maximum line length.
 - ✿ A rubber-powered aircraft must fly for 30 seconds.
 - ✿ An engine-powered aircraft must fly for 45 seconds, with 15 seconds maximum motor run.
 - ✿ A control line aircraft must show a smooth take-off and landing, with three laps of level flight at about 2 metres, with a climb and dive.
- b. Talk about the experience of building and flying the model with a knowledgeable adult.

3. Model boats

- a. Build an electric or engine-powered model boat or yacht at least 45 cm in length. Show that it's capable of maintaining a straight course of at least 25 metres. You can use a kit if you like.
- b. Talk about the experience of building the model with a knowledgeable adult.

4. Model cars

- a. Choose one of these two activities:
 - ✿ Build an electric slot car racer.
 - ✿ Drive it a minimum distance of 122 metres on any track, without stopping or leaving the slot more than four times.
 - ✿ Build a free running car of any type.
 - ✿ Show that it can run for at least 18 metres.
 - ✿ Airscrew drive is allowed and you can use a kit if you like.

Model Maker Activity Badge (Continued)

5. Model cars (continued)

- b. Talk about the experience of building the model with a knowledgeable adult.

6. Model trains

- ✿ Build a model coach or wagon.
- ✿ Show that it can run properly behind a scale locomotive.
- ✿ Build a scaled scenic model, such as a station or farmhouse for a railway layout.
- ✿ You can use a kit if you like.
- ✿ Talk about the experience of building your models with a knowledgeable adult.

- 2RT ➔ Prepare a photo board or vlog of you meeting the requirements of your selected model and bring it, and the model to the hall to show your Section Volunteer. Be prepared to discuss these with your Section Volunteer.

Nature Activity Badge



How to earn your badge

- 1. Explore and connect with nature by visiting a suitable and safe location. Identify different plants and animals, and record what you find.**

You could do this on a day trip, as several visits, or as part of a journey, such as on a hike or expedition.

- 2. Plan how you'll protect, care for and respect the environment during your visit.**

Think about how to avoid disturbing wildlife and the local community, and find ways to help protect the area you're exploring.

- 3. Find out more about a plant, animal or another natural thing that you discovered.**

You could find out about a plant, bird, insect, fish, other animal, type of habitat, or another natural thing, like soil, rocks or waterfalls.

- 4. Share what you've discovered and learned with someone else.**

You could give a short talk or presentation, lead an activity or nature walk, create some art, record a video or podcast, design a poster or leaflet, write a poem or perform a short play.

- 5. Explore how human activity or land management affects wildlife, either at your chosen location or more widely.**

You could find out about local projects that aim to protect and regenerate nature, such as wildlife groups or charities. You could also learn about how people's actions are impacting nature and what can be done to reduce this.

- 6. Think about your experience in nature and decide on one thing you'd like to do next.**

Take time to reflect on what you thought and felt. You might choose to connect more with nature by growing plants, learning more or spending time outdoors, or join a project to help nature, either on your own or as a group.

2RT → Prepare a photo board or vlog of you undertaking all the actions listed above and be prepared to discuss these with your Section Volunteer.

If you are a member of an organisation like the RSPB (<https://group.rspb.org.uk/renfrewshire/>), you could discuss what you discovered with a Warden or a Ranger.

I confirm that _____

has achieved the requirements for the Naturalist Activity Badge

Name _____

Signature _____ Warden/Ranger

Site/Reserve Name _____

Photographer Activity Badge



How to earn your badge

Choose **ONE** of these **TWO** options.

Then complete all tasks for your chosen option.

Option 1: Still Photography

1. Choose one of these two activities:

- ✿ Produce 12 photographs, featuring at least two of these photographic techniques: portrait, still life (or similar), landscape or seascape, sport or action, or timelapse.
- ✿ Produce six black and white photographs, based on a theme of your choice. Explain the steps you took to create them and the impact of using black and white as an alternative to colour images. You could produce high quality prints on photographic paper or present them on screen.

2. Show that you know the main settings on a digital camera or a smartphone camera. This should include focus and exposure control, and flash settings. Explain the impact of shutter speed and aperture size on the image.

3. Describe what accessories are available to use with digital cameras or smartphone cameras.

4. Edit a selection of your images, using editing software on a computer or using an app on a smartphone. This could include cropping, colour, contrast or light levels. Explain what you have changed and how it improved your image.

5. Diagnose typical faults that happen at the photographing or editing stages, such as over or under exposure and high or low contrast. Explain how to reduce camera shake and how to respond to subject movement.

6. Show that you know how to care for a digital camera or smartphone camera.

2RT → Prepare a photo board or vlog of you undertaking all the actions listed above and be prepared to discuss these with your Section Volunteer.

Photographer Activity Badge (Continued)

Option 2: video photography

1. Produce at least two short films from two of these categories.

- ✿ documentary
- ✿ music video
- ✿ drama
- ✿ comedy
- ✿ advertisement
- ✿ training film

Create a storyboard and script for each of these. Edit the film using editing software on a computer or a smartphone app.

2. Show that you understand:

- ✿ camera techniques such as panning, zooming, close-ups, long shots and using additional lighting.
- ✿ production techniques such as editing, how to avoid jump cuts and maintaining continuity.

3. Choose one of these two activities:

- ✿ Show that you know how to care for a video camera and accessories, such as storage media, batteries, microphones and lights.
- ✿ Discuss the differences between recording video on a video camera, digital camera and a smartphone.

2RT ➔ Prepare a photo board or vlog of you undertaking all the actions listed above and be prepared to discuss these with your Section Volunteer.

Physical Recreation Activity Badge

This badge is supported by England Rugby (The RFU)



How to earn your badge:

- 1. Regularly take part in an active sport or physical pursuit, which you haven't already gained an activity badge for.**

It could be a team game like rugby, football or water polo.

Individual sports like tennis, running or gymnastics count too, so do pursuits like walking, yoga, ice skating or dancing.

- 2. Show a reasonable level of skill in your sport or pursuit and show how you've improved over time.**

- 3. Explain the rules or guidelines that govern the sport or pursuit you chose.**

- 4. Show how you would prepare before taking part in your sport or pursuit. You could run through any special equipment or clothes you need and any warm-up and warm-down routines.**

- 5. Explain how to care for the equipment you use.**

Explain what you should look out for when the equipment is nearing the end of its life.

2RT → You can gain more than one Physical Recreation badge for different sports or pursuits.

Sports that young people play after school or at weekends can count towards number 1 although normal PE or games lessons do not

Prepare a photo board or vlog of you undertaking all the actions listed above and be prepared to discuss these with your Section Volunteer

I confirm that _____
has achieved the requirements for the Physical Recreation Activity Badge

Name _____

Signature _____ Coach/Teacher (delete as appropriate)

Club/School Name _____

Scientist Activity Badge



How to earn your badge

Choose from options **ONE** or **TWO**.

Then complete all of the tasks under your chosen option.

Option 1

- 1. Explore and discuss the science behind two Scouting activities or hobbies. For example, you could investigate the science behind a perfect campfire, how a kayak stays afloat and travels through the water, or how a compass or GPS device works.**
- 2. Complete one of these:**
 - ✿ Plan and complete your own experiment to explore the science behind one Scouting activity or hobby. Record your findings and explain what these mean to others. Try thinking of a question you want to answer or something you want to prove.
 - ✿ Plan and run an activity, demonstration or presentation to help others understand the science behind a Scouting activity or hobby.

Option 2

- 1. Plan and complete three science experiments or activities. You could try making invisible ink, creating an eruption, designing a catapult or putting together a battery. Check your plan with an adult first, then for each experiment:**
 - ✿ Change something about the experiment or activity and try it again, at least once. Predict what you think will happen and find out if you were right.
 - ✿ Show that you understand the science behind your experiment or activity.
- 2. Find out how one of your experiments or activities links to the real world. Then, explain it to others. For example, if you made a battery, what are batteries usually made from? If you created an eruption, how similar or different is this to how volcanoes erupt?**

2RT → Prepare a photo board or vlog of you undertaking all the actions listed above and be prepared to discuss these with your Section Volunteer.

You can complete this badge individually, in Patrols, or in other small groups.

For option 1, you could investigate any activity completed as part of Scouts, such as archery, climbing or zip lining, or a hobby you do outside of Scouts, such as cooking, trampolining or swimming.

Space Activity Badge



How to earn your badge

1. Find out what happens to an astronaut's body in space. Learn how the lack of gravity affects their body, and what they do to stay fit.
2. Learn about the speed of light and how we use light years to measure distances in space.
3. Discover how different space technologies have helped us to understand and explore the universe.

Think about planetary rovers, space telescopes and advanced robotic arms.

4. Find out what a black hole is, how it forms and how we can detect where they are in space.
5. Discover something new about the universe and share it with the group.

You could explore planets, stars, galaxies, asteroids or something else.

6. You can use the stars to find your way. Explore how you can navigate using stars and constellations.

You could use a telescope, a star map or a digital tool.

7. Imagine you're planning an expedition to a distant solar system. Design how you'll travel there and think about what you will need to take with you.

2RT → Create a photo board or vlog of your findings, be prepared to discuss these with your Section Volunteer and other scouts.

Your presentation should include a model that you have made based on your subject. You should also include diagrams and pictures wherever you can.

Sports Enthusiast Activity Badge



How to earn your badge

- 1. Explain the rules governing your favourite sport.**
- 2. Describe the levels of achievement within your chosen sport locally, nationally or internationally.**
- 3. Show that you know some of the personalities, champions or other experts in your chosen sport. Explain how they might have inspired you.**
- 4. Talk about the equipment needed for the sport.**
- 5. Describe a recent major event, championship or landmark in the sport.**
- 6. Explain how you follow your sport. How do you keep up to date with developments?**

2RT ➔ Prepare a photo board or vlog to support your claim for this badge.

This evidence could include, for example:
Photos of trophy's or news articles etc
Images of personalities, champions or experts
Bring in some equipment if you have any

Be prepared to discuss these with your Section Volunteer.

Street Sports Activity Badge

Be spontaneous, improvise and show your creativity. Take up the challenge and get involved in a street sport like skateboarding, in-line skating or Parkour.



How to earn your badge:

1. **Take part in a street sport like skateboarding, roller or in-line skating, Parkour or another street sport agreed by your Section Volunteership team. Remember to wear all your safety equipment**
2. **Own or use equipment for a street sport.
Show you can check, adjust and repair the equipment to ensure safe use.**
3. **Explain how to care for the equipment used and explain what you should look out for when equipment is nearing the end of its life.**
4. **Show that you're skilled in your chosen street sport and show how you've improved over three months. You could take part in an exhibition, public event or competition.**
5. **Explain the safety rules for your chosen sport including where to undertake street sports safely and responsibly.**

2RT → Prepare a photo board or vlog of all the elements to support your claim for this badge.

Remember to keep safe and wear all your safety equipment when taking part in this activity.

Please note: full safety equipment must be worn in all photos or vlogs in order to award this badge

You should also be prepared to discuss this with your Section Volunteer.

Time on the Water Staged Activity Badge

Time on the Water Badge is sponsored by the Royal Navy

You can collect Time on Water staged badges when you take part in certain water activities.

Meet the requirements relevant to your section.



Complete 1 session of 2 to 3 hours on the water to earn this badge.

→ **As you complete the following number of sessions, you can gain an additional badge: 2, 5, 10, 15, 20, 35, 50.**

2RT → Water activities you've taken part in for previous sections of the badge can be counted towards your total as you move through the sections. Taking part in the following activities counts towards the Time on the Water Staged Activity Badge:

Canoeing	Motor cruising
Kayaking	Narrow boating
Stand-up paddle boarding	Pulling or rowing
Sailing	White water rafting
Windsurfing	Traditional rafting
Powerboating	Paddle boarding
Kiteboarding	Water-skiing
Surfing	Yachting

Prepare a photo board or vlog of you taking part in any of the activities listed above and be prepared to discuss these with your Section Volunteer. If you were taking part in an organised activity, you could ask the activity Section Volunteer to sign the declaration below. **N.B. You must be properly dressed and equipped for your activity and the weather conditions.**

Achieved

I confirm that _____
has achieved the requirements for the Time on the Water Activity Badge

taking part in _____

Name _____

Signature _____

Club/Organisation Name _____

Writer Activity Badge

How to earn your badge



Complete **FOUR** of these activities.

Talk about your choice with an appropriate adult.

- ✿ Compose a poem of at least eight lines. Discuss its meaning and construction.
- ✿ Create a short story of around 600 words. Talk about your story idea with an appropriate adult beforehand.
- ✿ Write a descriptive passage of around 600 words on a subject, agreed with an appropriate adult beforehand.
- ✿ Write a 600-word review of a favourite book, play or other work of literature and talk about it with an appropriate adult.
- ✿ Produce a published article of around 600 words in length. You could contribute to a school, faith, community or Scout magazine or write a letter to a local paper.
- ✿ Keep a diary on a subject, for a length of time agreed with an appropriate adult beforehand.
- ✿ Write a play or dramatic sketch lasting at least 10 minutes.
- ✿ Interview a local celebrity, or other notable person. Write or type out the interview to show the questions you asked and the interviewee's replies.
- ✿ Write a letter to a pen pal (real or imaginary) of at least 600 words.

2RT ➔ Bring in your completed work and be prepared to discuss this with your Section Volunteer.

N.B. all written work can be typed rather than handwritten.

Activity Badge Plus



How to earn this badge

1. **Hold your chosen activity badge.**
2. **Agree a target with your Section Volunteer before going for the Activity Plus badge.**

A few example targets could be:

- ✿ For the Gardener Plus badge, look after your garden or allotment for a further three months. Depending on the time of year, either plant or harvest different types of plants. Explain how you know they're ready to plant or pick.
- ✿ For the Cook Plus badge, prepare and cook another three dishes and serve them as a meal.
- ✿ For the Animal Friend Plus badge, help to care for an animal for a further six weeks. Explain why you give it the type of food and exercise that you do.

A PLUS badge can be awarded for any activity badge, apart from the following: Community Impact, Hikes Away, Nights Away, Time on the Water.

When an Activity PLUS is awarded for a staged Activity Badge it can only be awarded against the highest stage of that badge.

3. **Show your Section Volunteer that you have met your target.**

2RT → Prepare a photo board or vlog of all the elements to support your claim for this badge.

General Declaration of Achievement

We see badgework as being crucial for the development of young people in Scouting and the support you offer to young people through your work is very much appreciated.

By signing this declaration, you are helping us, and our Scout achieve formal recognition of all their work and of course, develop new or existing skills, build confidence and work on achieving new goals

Thank you for taking the time to help our Scout achieve their chosen badge.

I confirm that _____ has achieved the requirements for the
.....Activity Badge by taking part in

Name _____

Signature _____

Role (e.g. Coach / Instructor / Sensei / Shifu / Kru / Sabumnim / Park Ranger / Warden)

Club/Organisation/Reserve Name _____