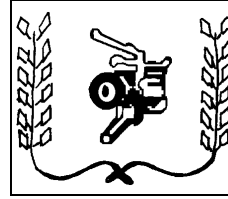


CAMERAMAN
INTEREST BADGE


Date Passed

Signed

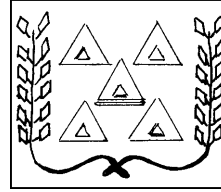
NOTE: This badge can be passed using either a video or a cine camera.

1. Take your camera and other equipment to the examiner and demonstrate how the equipment is used. Be prepared to answer questions on such things as loading and unloading the camera, how to adjust for focus, how to allow for colour balance etc. _____ 1
2. Explain the need for lenses of different focal length, or a zoom lens and how the change of lens, or zooming, can enhance your story line while shooting. _____ 2
3. Explain the problems encountered when panning. Discuss with the examiner what to do to overcome these problems. _____ 3
4. Describe to the examiner how you would plan a shoot of a Scouting event, or a film plot with a story line, highlighting the problems you would encounter with continuity. After shooting explain how you would use editing to increase the pace of the film. _____ 4
5. Produce a programme, lasting at least 20 minutes, of a Scouting event, that could be used as a training aid for the Troop or Pack, or as an item of entertainment at a parents' evening. If sound dubbing is not available prepare the presentation as a silent run but have prepared an audio tape that can be used during the presentation. The tape can be either suitable music only or it can be with a voice-over to explain the action. _____ 5
6. In addition to the material used in section 5, take three short sequences which will demonstrate your ability to use the mobility of the camera and the advantages of being able to pan and zoom. No sound is required but you should be prepared to explain to the examiner what you have tried to achieve. The subjects should include:
 - a) A presentation indoors highlighting two or three people
 - b) A large group indoors
 - c) An outdoor scene leading into a story line. _____ 6


CAMPFIRE LEADER
INTEREST BADGE

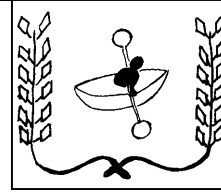
Date Passed Signed

- | | | | |
|----|---|-------|------------|
| 1. | Explain the aim, purpose and place of the campfire in Scout training, with reference to the different types of campfire (formal, informal, indoor, Cub etc). | _____ | 1
_____ |
| 2. | Discuss the principles involved in planning a formal Patrol or Troop campfire, covering campfire leadership, discipline and mood. | _____ | 2
_____ |
| 3. | Assist with the programmes of 2 formal campfires by leading songs, yells, rounds, dances or games. | _____ | 3
_____ |
| 4. | Construct a portable indoor campfire, as well as any other type of fire suitable for an outdoor campfire (leg top burner). | _____ | 4
_____ |
| 5. | Produce your own campfire blanket designed and decorated by yourself. | _____ | 5
_____ |
| 6. | Produce your own campfire notebook with the following items:
a) Openings
b) Closings
c) Applause
d) Songs (folk, action, rounds, spiritual etc)
e) Skits (stunts and sketches)
f) Yells
g) Yarns
h) Dances and games. | _____ | 6
_____ |
| 7. | Plan, lead and run a formal campfire, devising a novel opening ceremony. The examiner is to be present. | _____ | 7
_____ |

**CAMP QUARTERMASTER
INTEREST BADGE**


Date Passed _____ Signed _____

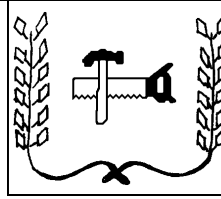
1. Have passed the Camping Scoutcraft Badge or complete all the requirements for it. _____ 1
2. Discuss the precautions to be taken, and practices used, concerning camp sanitation and personal hygiene under varying conditions. _____ 2
3. Demonstrate in camp the correct methods of:
 - a) Hygienically storing food
 - b) Storing equipment
 - c) Safe storage and maintenance of gas and paraffin lanterns, stoves and fuel
 - d) Correct garbage disposal
 - e) How to store rope and cordage
 - f) The proper care and maintenance of axes and saws
 - g) How to re-haft and sharpen an axe.
 _____ 3
4. Have acted as assistant Quartermaster at two Troop camps, being responsible for the issuing of rations and the issuing and return of equipment. _____ 4
5. For a Troop camp of 4 nights or 2 weekends duration, attended by at least two Patrols, do the following:
 - a) Act as Quartermaster at the camp.
 - b) Take charge of the storage and issuing of rations.
 - c) Keep an efficient record of the camping stores, including issuing and returns during the camp.
 - d) Supervise the preparation for storage, and storage after the camp, of the Troop equipment, particularly tents, ropes and cordage.
 - e) Arrange for the repair or replacement of equipment damaged or lost during the camp.
 _____ 5
6. Do two of the following:
 - a) Repair a tear in a Patrol tent/Troop tent.
 - b) Replace a guyline on a tent.
 - c) Re-waterproof a tent.
 - d) Replace an eyelet.
 _____ 6


**CANOEIST
INTEREST BADGE**

Date Passed Signed

NOTE: The standard required for this badge is to handle a canoe on a grade 2 river of medium to normal fullness. It is essential that the candidate be physically strong enough to handle a submerged canoe on a flowing river.

- | | | |
|--|-------|----------|
| 1. Pass or have passed the Canoeing Scoutcraft Badge. | _____ | <u>1</u> |
| 2. Discuss the design features of canoes (length, width, etc) and how these impact on a canoe's performance. | _____ | <u>2</u> |
| 3. Demonstrate how to maintain a canoe in good condition and carry out simple repairs to it. | _____ | <u>3</u> |
| 4. Have acted as assistant Quartermaster at two Troop camps, being responsible for the issuing of rations and the issuing and return of equipment. | _____ | <u>4</u> |
| 5. Demonstrate sound safety measures when canoeing on rivers, including paddling on unfamiliar routes and approaching hazards. | _____ | <u>5</u> |
| 6. Demonstrate your competence to paddle a canoe on a flowing river, including: | | |
| a) General knowledge of paddling on moving water. | | |
| b) How to read the river. | | |
| c) Launching from the bank, and entering the mainstream. | | |
| d) Turning around and paddling upstream. | | |
| e) Ferry glide facing upstream and downstream. | | |
| f) Successfully shoot a fair-sized rapid or weir. | | |
| g) Approach the bank and climb out onto the bank. | | |
| h) Capsize in the current and swim the canoe to a shallow or safe place, empty the water and re-board. | _____ | <u>6</u> |
| 7. Show a knowledge of the following obstacles and hazards to be encountered on rivers, how to avoid them, and emergency procedures: | | |
| a) Eddies, holes, stopper waves, standing waves, backwaters and contra-flow currents at weirs or similar man-made constructions. | | |
| b) Rocks and rapids. | | |
| c) Bridges. | | |
| d) Trees and low branches. | | |
| e) Fences. | | |
| f) Other canoes and canoeists. | _____ | <u>7</u> |
| 8. Take charge of two other canoeists on a 24-hour expedition of at least 30 kilometres, camp overnight, and keep a log. Before departure explain priorities. The expedition must include: | | |
| a) Permissions and approvals for the expedition. | | |
| b) The correct stowage of the kit and equipment in the canoe. | | |
| c) The portage of canoes over roughish terrain. | | |
| d) Choice of a good campsite and good camping standards. | | |
| e) A knowledge of river hygiene, river first aid and the need to take in adequate fluids and nutrition. | | |
| f) Carrying out emergency repairs to canoes and paddles. | | |
| g) A reasonably detailed log of the journey, noting major hazards, important or interesting features (anchorages, landing beaches, campsites and other facilities), and any wildlife encountered. The log should cover a fair description of the river, with sketch maps showing the general course of the river, dams, weirs, rapids, irrigation schemes, power stations, towns and important natural features passed on route. | _____ | <u>8</u> |

CARPENTER
INTEREST BADGE


Date Passed Signed

- | | | |
|---|-------|------------|
| <p>1. Safety</p> <p style="margin-left: 20px;">a) Discuss the personal safety precautions which apply in any working situation.</p> <p style="margin-left: 20px;">b) Discuss with the examiner the specific safety precautions and procedures applicable in a workshop.</p> | _____ | 1
_____ |
| <p>2. Hand tools</p> <p style="margin-left: 20px;">a) Demonstrate the uses of some of the hand tools used in a carpenter's workshop, as selected by the examiner. Discuss the safety precautions applicable to these hand tools with the examiner.</p> <p style="margin-left: 20px;">b) In consulting with the examiner, make a simple model incorporating at least four joints using hand tools only.</p> | _____ | 2
_____ |
| <p>3. Materials</p> <p style="margin-left: 20px;">a) Discuss three types of timber used in carpentry/furniture making under the general aspects of origin, characteristics, working properties and uses.</p> <p style="margin-left: 20px;">b) Discuss with the examiner some of the other materials used in carpentry/furniture making such as laminated board, chipboard, and hardboard.</p> <p style="margin-left: 20px;">c) Discuss some of the methods of finishing and polishing wood.</p> | _____ | 3
_____ |
| <p>4. Machine Tools</p> <p style="margin-left: 20px;">a) In consultation with the examiner, demonstrate the use of, and safety precautions applicable to: -</p> <p style="margin-left: 40px;">i. at least two different power hand tools, and</p> <p style="margin-left: 40px;">ii. at least two motor-driven carpentry machines.</p> | _____ | 4
_____ |
| <p>5. Planning and designing</p> <p style="margin-left: 20px;">b) Design a model of your choice and submit neat sketches showing all dimensions and joints to the examiner.</p> <p style="margin-left: 20px;">c) Draw up a cutting list for your model.</p> <p style="margin-left: 20px;">d) Determine a working procedure for your model.</p> | _____ | 5
_____ |
| <p>6. Either make the model which you have designed or present to the examiner a suitable model made by yourself in your school's carpentry shop.</p> | _____ | 6
_____ |


CHESS PLAYER
INTEREST BADGE

Date Passed _____ Signed _____

1. Discuss with the examiner in detail all the fundamental laws of chess, including the moves of each piece; setting up the chessboard for a game; conditions of checkmate; conditions for a draw (with or without stalemate); castling on both sides; en passant; taking of pieces; and order of moves. _____ 1
2. Discuss the relative values of pieces with the examiner. _____ 2
3. Demonstrate how checkmate can be obtained by:
 - a) King and 1 Rook
 - b) King and 2 Rooks
 - c) King and 2 Bishops
 - d) King and Queen
 - e) King and Pawn.
 _____ 3
4. Demonstrate the recordings of a chess game during play using either of the recognised notations. Show how an unfinished game is recorded for future play. Know the following symbols
 - f) Castling on the King's side
 - a) Castling on the Queen's side
 - b) Check
 - c) Checkmate
 - d) Good move
 - e) Poor move.
 _____ 4
5. List the last 5 World Chess Champions and discuss with the examiner the following points:
 - g) Their favourite openings
 - a) Their favourite defences
 - b) Where they won their titles, against whom they played and to whom they lost their titles.
 _____ 5
6. Teach a beginner the fundamental rules of chess and 3 recognised openings. _____ 6
7. Solve any 3 chess problems set by the examiner or play 3 games against the examiner. _____ 7

CIVIL DEFENCE
INTEREST BADGE

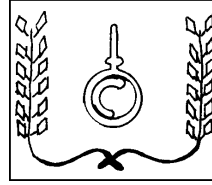

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NOTE: 1. In the civil defence organisation, the Scout Movement is an element of the communications discipline and as such, Scouts will be used as messengers. Scouts are not to be used in dangerous situations.

2. All relevant information on civil defence is contained in the booklet Alert which is available from: The Medical Association of SA (Lay Publications), Private Bag X1, 7430 PINELANDS. (Also available in Afrikaans under the title Gereed.)

- | | | |
|---|-------|----------|
| 1. Have passed the First Aid badge. | _____ | <u>1</u> |
| 2. Demonstrate a good knowledge of radio voice procedure. | _____ | <u>2</u> |
| 3. Carry an oral message of a minimum of 80 words to a given destination and repeat it after not less than 1 hour's time lapse. | _____ | <u>3</u> |
| 4. a) Compile a current list of Civil Defence personnel in your community, district, town or city (Civil Defence Chief, Civil Defence Medical Officers, etc). | | |
| b) Describe the civil defence signs and badges of discipline (e.g. administration, communication, nursing, first aid). | _____ | <u>4</u> |
| 5. Describe in detail the civil defence plan for your district, town or city. | _____ | <u>5</u> |
| 6. Draw up an emergency plan for your household under the following headings: | | |
| a) Emergency cupboard | | |
| b) Emergency rations | | |
| c) Water supply | | |
| d) Power supply | | |
| e) Refuse removal | | |
| f) Fire emergency | | |
| g) Other emergencies | | |
| h) Evacuation | | |
| i) Private motor vehicles. | _____ | <u>6</u> |
| 7. Demonstrate the hand signals used for directing and controlling traffic. | _____ | <u>7</u> |

COLLECTOR
INTEREST BADGE


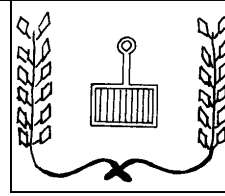
Date Passed

Signed

NOTE: This badge covers the collecting of items other than stamps and coins. The number of items collected will be decided by the examiner using the following criteria:

- a) "Rare" items as opposed to "everyday" items.
- b) The length of time over which the items were collected, preferably over a period of at least 9 months.
- c) The availability of catalogues or books of reference on the items collected.
- d) The number of specialised items in comparison with general items in circulation.

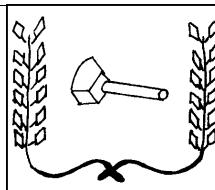
1. Have a good knowledge of the history of the individual items collected. _____ 1
2. Refer to other collections of a similar nature and where housed. If possible, compare your own collection with these other collections. _____ 2
3. Explain to the examiner the origin of items selected at random by the examiner. _____ 3
4. Differentiate between low value and high value items in your collection. _____ 4
5. Explain the meaning of common terms, chosen by the examiner, relating to the type of collection. _____ 5
6. Demonstrate to the examiner that you have a knowledge of the best way to present, preserve or store the items in the collections and how they should be handled. _____ 6


COOK
INTEREST BADGE

Date Passed Signed

- | | | |
|--|-------|-----------------|
| 1. Have passed the Fires and Cooking Scoutcraft Badge, or complete all the requirements for it. | _____ | <u>1</u> _____ |
| 2. Explain what is meant by ordinary culinary terms such as to bake, marinate, sear, and scald. | _____ | <u>2</u> _____ |
| 3. Demonstrate your ability to use and maintain paraffin and gas stoves and lamps (primus, hurricane, and similar types). Understand the dangers, and demonstrate the safety precautions to be taken in lighting, using and cleaning these stoves and lamps. Demonstrate the correct procedures to be followed in replacing gas cylinders (including hiking gas stoves). | _____ | <u>3</u> _____ |
| 4. In camp lead a Patrol in the preparation and serving of a meal for 6 persons. The meal must be cooked on an open fire. Dutch ovens, biscuit tin ovens or reflector ovens may be used. After cooking, properly dispose of rubbish, clean the utensils and leave a clean cooking area. | _____ | <u>4</u> _____ |
| 5. Mix the dough and bake a loaf of bread in a camp oven, or bake and ice a cake at home. | _____ | <u>5</u> _____ |
| 6. Prepare indoors a meal for 4 persons. The meal may be cooked using an electric, gas, wood, coal or paraffin stove, or microwave oven. Serve the food correctly following the niceties of good manners. Demonstrate carving, and clean up afterwards. | _____ | <u>6</u> _____ |
| 7. Explain the principal joints of pork, lamb or beef. | _____ | <u>7</u> _____ |
| 8. Discuss the nutritive value and storage of the following foods:
a) Fresh meat, vegetables and dairy products
b) Canned meat, fish, vegetables and fruit
c) Dehydrated vegetables
d) Soya products. | _____ | <u>8</u> _____ |
| 9. Demonstrate the following:
a) The setting of a table in camp or indoors for a lunch or a supper.
b) How to prevent accidents in the kitchen at camp and indoors.
c) The use of weights and measures in the kitchen. | _____ | <u>9</u> _____ |
| 10. Make an item of camp kitchen equipment such as a reflector oven, hay-box, camp fridge, billycan or utensils from tin cans and wire. | _____ | <u>10</u> _____ |

CRAFTSMAN
INTEREST BADGE

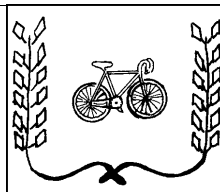


Date Passed _____ Signed _____

1. Present evidence that you have successfully pursued one of the following crafts for not less than 12 months and produce four appropriate articles made by yourself: basketry, wire-modelling, wood-carving, spinning and weaving, bead work, mat making, soap-stone carving, pottery or other craft approved by the examiner.

_____ 1 _____
2. Discuss your work with the examiner with particular reference to:
 - a) The tools and raw materials necessary to execute the work.
 - b) Sources of information which could be consulted.
 - c) The possibility of marketing completed articles.
 - d) Future career possibilities in the specific craft.

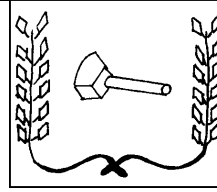
_____ 2 _____


CYCLIST
INTEREST BADGE

Date Passed Signed

- | | | |
|---|-------|------------|
| 1. Clean and adjust a bicycle. Prepare it for inspection using a prescribed bicycle safety checklist. Ensure that it meets local legal requirements. | _____ | 1
_____ |
| 2. Show your bicycle to the examiner for inspection. Point out the adjustments or repairs you have made. Do the following: <ul style="list-style-type: none"> a) Point out all points that need oiling regularly. b) Show the points that should be checked regularly to make sure the bicycle is safe to ride. c) Show how to adjust chain tension, brakes, seat level and height of the handlebars and the derailer gear (if fitted). d) Show your ability to replace spokes and straighten a wheel rim. e) Show your ability to clean and replace all bearings. | _____ | 2
_____ |
| 3. Mend a puncture or replace a tubeless tyre. | _____ | 3
_____ |
| 4. Show a good knowledge of traffic rules, traffic signals and road signs, in discussion with the examiner and demonstrate that you know the bicycle safety code. Demonstrate the correct hand signals. | _____ | 4
_____ |
| 5. Demonstrate proper mounting, pedalling and braking (including emergency stops). | _____ | 5
_____ |
| 6. Plot on a road map a 100 km cycle trip which does not involve main roads. Using your map, complete the ride in 5 hours with at least two other cyclists. | _____ | _____ |
| OR | | |
| Produce evidence that you have participated in at least three cycle races/meetings where the shortest distance ridden is not less than 25 km | _____ | 6
_____ |

DESIGNER
INTEREST BADGE



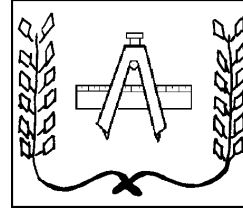
Date Passed

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1. Demonstrate your interest, practice and proficiency in some form of one of the following:
 - a) Graphic Art - Sketches, painting, etching, woodcuts, lino-cuts, etc.
 - a) Decorative Art - Wallpaper design, printed or woven fabrics, posters, book jackets, wrought-iron etc.
 - b) Collages - Grasses, shells, leaves, dried flowers, appliqué, paper, stones etc.
 - c) Calligraphy - Roman, Gill Sans, Script, etc. In no case is the work to be a copy or tracing, but must be entirely by your own hand. _____ 1 _____

2. Carry out to the satisfaction of the examiner a piece of work in your chosen art form, as set by the examiner. _____ 2 _____

3. Demonstrate a knowledge of
 - d) Any necessary preparation of media and materials.
 - e) Opportunities for further study of art.
 - f) Masters which you have seen or books that you have studied, and your opinions of them. _____ 3 _____

DRAUGHTSMAN
INTEREST BADGE


Date Passed

Signed

1. Define the following
 - a) a point;
 - b) a line;
 - c) a straight line;
 - d) parallel lines;
 - e) a horizontal line;
 - f) a vertical line;
 - g) an oblique line;
 - h) a right angle;
 - i) an obtuse angle;
 - j) an acute angle.

_____ 1 _____
2. Show that you have a knowledge of the following drawing instruments:
 - a) a drawing board;
 - b) a T-square;
 - c) a set square;
 - d) compasses;
 - e) dividers;
 - f) scales.

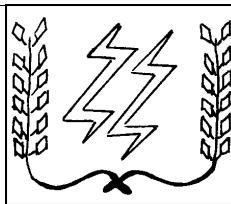
_____ 2 _____
3. Draw the following views of a box 1 metre wide by 0,5 metres high by 2 metres long, using a convenient scale:
 - a) isometric;
 - b) oblique;
 - c) pictorial;
 - d) development.

_____ 3 _____
4. Draw projections and the development of a truncated cylinder.

_____ 4 _____
5. Demonstrate the difference between "third angle projection" and "first angle projection".

_____ 5 _____
6. Draw a single line plan of a dwelling house to scale. Include in your house 2 bedrooms, a kitchen, a family room, 1 bathroom, and a single garage, the roof to be of the mono pitch design. Project the front and side elevations and draw a section. Drawing to be done in pencil. The plan must be neatly and correctly dimensioned and labelled.

_____ 6 _____

ELECTRICIAN
INTEREST BADGE


Date Passed Signed

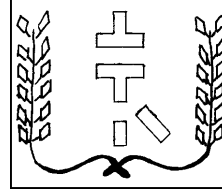
- | | | |
|--|-------|------------|
| 1. Lists the common causes of electrical accidents and the safety precautions necessary to guard against the possibility of their occurring in the home. | _____ | 1
_____ |
| 2. Demonstrate that you know the international colour code for three-core flex by connecting a flex to a three-point plug. | _____ | 2
_____ |
| 3. Correctly join and tape two pieces of insulated wire. | _____ | 3
_____ |

DO ONE OF THE FOLLOWING ALTERNATIVES (4 OR 5)

- | | | |
|---|-------|------------|
| 4. Domestic electrician | | |
| a) Conduct an experiment showing the law of electrical attraction and repulsion. Make and operate a simple electro-magnet. | | |
| b) Correctly replace defective lamp holders, fuses, plugs and electrical wire; demonstrate the uses of flexes and simple tools such as cutters, pliers and screw drivers. Explain why a fuse blows or a trip switch is activated. | | |
| c) Take a standard length of PVC conduit and put 2 x 90 degree bends 400 mm from each end. Fit 2 standard boxes onto each end and wire up for a simple light fitting with a 1 lever switch. | _____ | 4
_____ |

OR

- | | | |
|--|-------|------------|
| 5. Auto electrician | | |
| a) Be able to read a schematic wiring diagram of a car and demonstrate how to track an indicator wire back to the fuse box. | | |
| b) Demonstrate how to charge a car battery correctly taking the necessary precautions. Demonstrate how you would know when the battery is fully charged. | | |
| c) Demonstrate how to find a simple electrical fault in the ignition system of a car. | _____ | 5
_____ |

ELECTRONIC ENGINEER
INTEREST BADGE


- | | Date Passed | Signed |
|--|-------------|----------------|
| 1. Explain the basic Electron Theory. | _____ | <u>1</u> _____ |
| 2. Explain the functions of the following: | | |
| a) resistor; | | |
| b) capacitor; | | |
| c) rectifier; | | |
| d) transistor; | | |
| e) integrated circuit. | _____ | <u>2</u> _____ |
| 3. Solve a simple problem of current, voltage and resistance using Ohm's law. | _____ | <u>3</u> _____ |
| 4. Explain the resistor and capacitor colour code. | _____ | <u>4</u> _____ |
| 5. Explain the basic operation of heat sensitive and light sensitive components. | _____ | <u>5</u> _____ |
| 6. Design a simple electronic apparatus and demonstrate it in use. Include the following: | | |
| a) Draw the circuit diagram. | | |
| b) Draw up and make a printed circuit board. | _____ | <u>6</u> _____ |
| OR | | |
| 7. a) Demonstrate that you know how to locate and repair a simple fault in a transistorised radio. | | |
| b) Construct a small transistorised radio suitable for short wave or FM reception. | | |
| c) Explain the elements of frequency modulation. | _____ | <u>7</u> _____ |



Date Passed

Signed

ENTERTAINER
INTEREST BADGE

1. Do one of the following:

- a) Take a singing or speaking part in 2 public stage productions of a total of at least 60 minutes' duration involving 10 hours' rehearsal.

OR

- b) Produce evidence of having assisted with stage lighting and special effects for any 2 public stage productions of a total of at least 60 minutes' duration.

OR

- c) Direct 2 public stage productions of a total of at least 45 minutes' duration.

OR

- d) Write your own play or review of at least 20 minutes' duration, and have it performed. (You need not be the director of the production.) _____
- 1

2. Show that you understand the following terms:

- a) Prompt corner
-
- b) OP corner
-
- c) Upstage, downstage, wings
-
- d) Cyclorama screen, tabs, back drop, cut outs
-
- e) Ground row, battens
-
- f) Arc lamp, spotlights, dimmer board, black out
-
- g) Microphone, balance, amplifier, fade out
-
- h) Understudy. _____
- 2

3. Do one of the following:

- a) Prepare 2 different character make-ups (one of yourself and one of another person).

OR

- b) Design and produce two items of stage scenery.

OR

- c) Produce a lighting schedule or compile a special effects tape for a performance of at least 30 minutes. _____
- 3