The Mission Rabies and Worldwide Veterinary Service education campaign kindly acknowledges the assistance and generosity of The Dogs Trust (UK), the Blantyre Society for the Prevention of Cruelty to Animals (Malawi) and the Department of Animal Health & Livestock Development (Malawi).
In September 2013, we vaccinated 60,000 dogs in 30 days. But that was just the beginning...

Over 99% of cases of human rabies are caused by an infected dog bite. Once symptoms of the disease develop, it is always fatal.

Every year, millions of healthy dogs are inhumanely killed for fear of this deadly disease. However, this doesn't halt the spread of rabies, which causes the deaths of around 61,000 people a year - the majority of which are children under 15.

Mission Rabies is going to change that. Vaccinating dogs against rabies has been proven to stop the spread of the disease to people and saves the lives of humans and dogs.

Our aim is to eliminate rabies from the world by 2030. We launched the programme in the rabies hotspot of the world - India - where a third of all deaths are reported to occur.

Our work in India was just the beginning - all over the world people and animals are affected by this horrific disease, so in 2015 we are expanding our proven dog vaccination programme to other high rabies-risk countries in Asia and Africa; wiping out rabies at the source and saving lives. Rabies is 100% preventable.

Mission Rabies is working to prevent needless deaths from this devastating disease and we need you to be a part of it. Come with us on our journey.

Mission Rabies
(UK registered charity number 1162293)

www.missionrabies.com
Email: enquires@missionrabies.com

Our vision
To provide a sustainable veterinary resource to help animals all over the world where veterinary aid and assistance is limited due to the expense and availability in the country they are based.

Our mission
To champion animal welfare and to treat animals in places where no one else will.

Our values
WVS' values are at the heart of what we do, they are:

• Passionate – Everything we do is about the welfare of animals and our work is inspired by the needs of animals.

• Impactful – It is vital that our work and everything that we do has a strong impact.

• Positive – We pride ourselves on a positive and proactive response.

• Inspiring – We are inspiring and aim to inspire our supporters, fundraisers, volunteers, staff and partners.

• Integrity – We have high integrity and WVS is associated with reliable and results-focused work. Integrity is vital to building and maintaining trust and good relationships with our supporters, partners and volunteers.

• Value – We value our supporters, staff, volunteers and our partners.

• Educators – We pride ourselves on working with local communities with the aim to educate, promote and produce long-term sustainable projects to the benefit of local animal and human populations.

• Innovators – We always want to innovate (whilst inspiring) and our aim is to always stay one step ahead.

Worldwide Veterinary Service
(UK registered charity number 1100485)

www.wvs.org.uk
Email: info@wvs.org.uk

14 Wimborne Street, Cranborne
Dorset BH21 5PP
United Kingdom
The education team in Malawi will each spend a day at an allocated primary school, teaching all eight standards throughout the day, starting with standard 1 (age 6 upwards) and finishing the day with standard 8 (ages 13 upwards). This reflects the timetable structure as standard 1 children will start and end the day earlier and standard 8 children will start later, this is due to limited classrooms and teachers being available.

The table above shows the comparative key stages. Please note that in Malawi the age at September is the minimum. It is very common to have a range of ages in each standard e.g. Standard 8 actual age range is 13 to 18.

The junior education pack has been designed to be used by a similar academic ability to the education target group in Malawi. The senior education pack is to be used for secondary school children (Key Stage 3 and 4) in both countries, and also further education (Key Stage 5) in the UK.
The original lesson being taught in Malawi is approximately a one hour session and will use all the resources listed, except for computers/projectors, as there is no electricity in Malawi schools. The PP slides are used as A3 laminates/flashcards, with use of the chalkboard being used to illustrate images and identify key words. In the version of the lesson here, we have divided it into five sections which have more learner-led activities and allows you to expand the learners knowledge. These are marked in the top right hand corner with an orange ‘UK’. The core ‘text’ remains the same.

The layout of the lesson plan reflects the Malawi class structure. The text is written in full as the education team in Malawi recite the text without the use of all the visual aides.

The education pack can also be used as a learning aide for students in the teaching profession.

LESSON SECTIONS
PRIMARY LEARNING OBJECTIVES

Section 1: Introduction

Section 2: Rabies is serious
LO: Describe the rabies virus

Section 3: How to be safe around dogs
LO: Demonstrate how to prevent the spread of rabies

Section 4: First Aid & community protection
LO: Explain how children in Malawi can help Mission Rabies eradicate rabies

Section 5: Dog population management
LO: Recognise the importance of dog population management
**EDUCATION PACK**

**RABIES PREVENTION IN MALAWI, AFRICA.**

**CURRICULA LINKS**

**Malawi**

Standard 5 (age 11-to 15) to Standard 8 (age 14-18)
Subject: English, Chichewa, mathematics, Science, Social Science

**UK equivalent**

Key Stage 3/year 6 to 9 (age 11-14) & Key Stage 4/year 10 & 11 (ages 14-16) Subject: Citizenship, English, mathematics, Science, Drama.

**UK FE equivalent**

Key Stage 5/year 12 to 13 (age 16-18)
Subject: AS/A2 level: Biology, General Studies

Level 2 and 3 in Animal Care/Management (age 16+)

- **BTEC L2 QCF Animal Care (2010)**
  - Subject/module:
    - Unit 4 Maintain Animal Health & Welfare
    - Unit 6 Introduction to the Principles and Practices of Animal Behaviour and Handling
    - Unit 7 Understand the Basic Principles of Animal Biology

- **BTEC L2 NQF Animal Care (2015)**
  - Subject/module:
    - Unit 1 Animal Health
    - Unit 2 Animal Welfare
    - Unit 5 Principles of Animal Behaviour

- **City & Guilds L2 QCF Animal Care (2010)**
  - Subject/module:
    - Unit 201 Maintain Animal Health & Welfare
    - Unit 205 Understand the Basic Principles of Animal Biology
    - Unit 206 Introduction to the Principles And Practices of Animal Behaviour and Handling

- **BTEC L3 QCF Animal Management (2010)**
  - Subject/module:
    - Unit 1 Understand and Promote Animal Health
    - Unit 2 Understand the Principles of Animal Biology
    - Unit 7 Undertake an Investigative Project in the Land-based Sector
    - Unit 13 Understand and Interpret Animal Behaviour and Communication
    - Unit 14 Understand Animal Welfare and Breed Development

- **BTEC L3 NQF Animal Management (2016)**
  - Subject/module:
    - Unit 2 Animal Biology
    - Unit 3 Animal Welfare & ethics
    - Unit 5 Animal Behaviour
    - Unit 6 Animal Health and Diseases
    - Unit 8 Investigative Research Project
    - Unit 20 Human and Animal Interaction

- **City & Guilds L3 QCF (2012)**
  - Subject/module:
    - Unit 301 Understand and Promote Animal Health
    - Unit 305 Understand the Principles of Animal Biology
    - Unit 306 Undertake an Investigative Project in the Land-based Sector
    - Unit 310 Understand and Interpret Animal Behaviour and Communication
    - Unit 312 Understand Animal Welfare and Breed Development
EDUCATION PACK
RABIES PREVENTION IN MALAWI, AFRICA.

LESSON PLAN

EVERY CHILD MATTERS

BE HEALTHY
Promoting rabies prevention and to see the Mission Rabies team promote the health & welfare of dogs and people.

STAY SAFE
Ensuring dogs stay safe by annual vaccinations and people are safe from dog bites.

ENJOY AND ACHIEVE
Attend and enjoy the session. Achieve personal development and see how the Mission Rabies team enjoy their work.

MAKE A POSITIVE CONTRIBUTION
Engage in group work & decision making. Supporting communities around the world. Engage in positive behavior.

ACHIEVE ECONOMIC WELLBEING

AIMS OF LESSON
To educate the children of Malawi on the threat of rabies to their community and how to prevent the spread of the disease.

Mission Rabies aims to prevent deaths from rabies through controlling the spread of the disease in dogs through mass vaccination programmes and providing immediate risk reduction education intervention.

LEARNING OUTCOMES
At the end of the session the participant will be able to:

All learners will recognise the importance of rabies prevention.

Most learners will have an understanding of the link between dogs and humans and the spread of the virus and relate to effective dog population management.

Some learners have progressed further and will understand the science of the virus, the effect to the wider community and relating to the means of effective dog population management.

ACTIVITIES
Note taking, role play, demonstration, writing on board, direct/indirect questioning, classroom survey, class/review questions, songs, reflective account.

RESOURCES REQUIRED
Computer/Projector/Interactive Whiteboard (if applicable), Protractor, calculator, Dog Masks x 12, Large Syringe (250ml if possible), Bottled water & Bar of soap (for demo only), Bottle of Dettol/Antiseptic (for demo only), Marker Crayon (Green & Red), Chalk/Pens/pencils, Puppets/stuffed dogs (optional).

DIFFERENTIATION / EQUALITY & DIVERSITY
Targeted questioning (the more able learners will be asked more challenging/complex questions), planned groups (ensuring a mix of abilities).

Different learning styles:
Visual - PP presentation, role-play, use of pictures, video, note-taking.
Auditory - Listening, pair/group work, role-play, discussion, repeating/recall, fact based
Kinaesthetic - Note taking, regular change in activities, worksheets/flashcards, role-play.
**LESSON PLAN**

**COMMUNICATION/LITERACY**
- Reading, writing/note taking, speaking & listening, discussion, role-play/drama, songs, language translation (English to Chichewa).

**KEYS WORDS**
- Virus
- Transmission
- First aid
- Zoonotic
- Herd Immunity
- Infect / Infection
- Injection
- Vaccine / Vaccinate / Vaccination
- Sterilisation
- Population

**CONTRIBUTION TO CORE SKILLS**
- **NUMBER/NUMERACY**
  - Time, percentages, conversions, pie charts/degrees, multiplication, timed activities/slides.

**EMPLOYABILITY & CAREERS**
- Volunteer/employment opportunities in the veterinary sector.

**INFORMATION TECHNOLOGY**
- Powerpoint presentation, embedded video, accessed materials via website www.missionrabies.com

**ASSESSMENT**
- **Formative**
  - Tutor observation of activities, feedback to learners, direct questioning, completion of tasks / extension tasks & worksheets, summary questions. Contribution to discussions.
- **Summative**
  - Lesson can be used as a summative assessment as part of a research assignment or task for various learning outcomes.

**ADDITIONAL LEARNING SUPPORT REQUIREMENTS**

**EXTENSION ACTIVITY (HOMEWORK)**

**MALAWI.** Inform parents, friends and other people who own a dog to bring to the Mission Rabies campaign vaccination static points (at a local school) to be vaccinated against rabies and, if applicable, neutered.

**UK & MALAWI.** Extension tasks and worksheets are available. Including (as end of section 5):
- Review the lecture, the Rabies overview report, and external sources and write a [100/200/300 word – dependant on Key Stage and level] essay on the following;
  - Explain the aetiology and transmission of rabies.
  - Describe the prevention and treatment of rabies in dogs.
  - Describe the prevention and treatment of rabies in humans.

**EVALUATION / REFLECTION OF THE LESSON**
- Did the participants learn with respect to the intended learning outcomes?
- Note the participants who did not achieve the LO and those participants that excelled (skills developed, attitudes, evidence)
- Note the general response from participants; positive, negative
- Did the teaching aspects meet expectations (strategies, styles, organisation, management, activities, and resources)?
- Identify areas for further development
REFERENCES

Books

Website

Electronic Journal

Electronic Video
Videos from Mission Rabies video archive except for the following;

Electronic Images
Images from the Mission Rabies photograph and illustration archive except for the following;
REFERENCES

Electronic Images

Images from the Mission Rabies photograph and illustration archive except for the following;


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Revised and adapted from original script material by Rosalind Johnston, 2015.