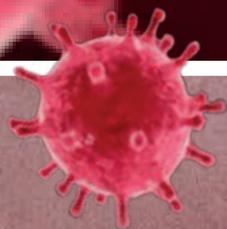
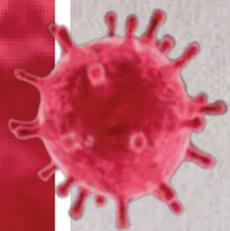




The

# WOODLAND

Virus



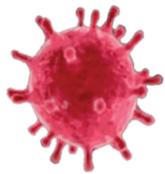
The Teacher Workbook



# Barney and Echo

THE POLICE COMMUNITY CLUBS OF GREAT BRITAIN  
Delivering Citizenship and PSHE Education

PATRON Lord John STEVENS QPM LL.B FOUNDER & SECRETARY Barry T JONES MBE



## *Introduction to The Woodland Virus Teacher Workbook*



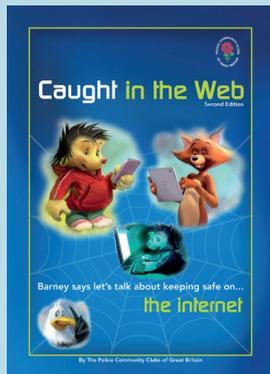
### Workbook Contents:

- Guidelines for lesson plan and additional activities
- The Woodland Virus lesson plan
- Discussion Activities
- The Woodland Virus questionnaire plus answer sheet
- Reflection Exercise
- The Woodland Virus Play

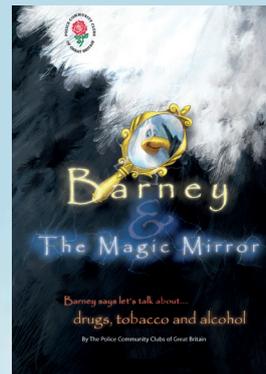


# Other projects in the Barney & Echo series

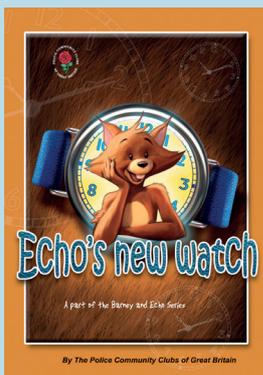
Please visit: [www.barneyecho.co.uk](http://www.barneyecho.co.uk) for further information



**Caught in the Web**  
Deals with issues surrounding internet safety



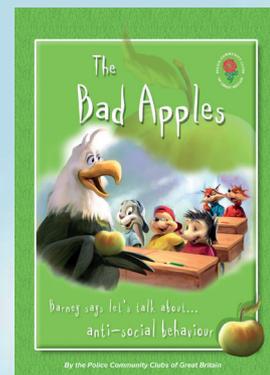
**The Magic Mirror**  
Deals with issues surrounding drugs, tobacco and alcohol



**Echo's New Watch**  
Deals with issues surrounding gangs



**Sparky's Big Idea**  
Deals with the Environment and Sustainability



**The Bad Apples**  
Deals with anti-social behaviour issues

# Guidelines for lesson plan and additional activities

## Lesson Plans – Pre-programme

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Enclosed is the learning objective of The Woodland Virus educational resource.

You can either plan the project by following the suggested template or alternatively, you can run the project to fit into your current PSHE/Citizenship Lessons at Key Stage 2.

### Discussion Activity 1

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Please photocopy and hand out “What should I do to stay safe and why?” to the class.

It is advised that this activity is completed in small groups or with partners to promote discussion.

Once completed, the answers given by each group should be discussed with the whole class and any differences in opinion should be recognised and noted as valid if appropriate.

### Discussion Activity 2

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Please photocopy and hand out ‘Statements – agree or disagree?’ to the class. It is advised that this activity is completed in small groups or with partners.

Once completed, the answers given by each group should be discussed with the whole class and any differences in opinion should be recognised and noted as valid if appropriate.

### Reflection Exercise

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Please photocopy and hand out the ‘What did I do and what did I learn’ activity.

Ask pupils to fill in their reflections in groups and hand them to the teacher at the end of the lesson.

Once completed, the answers given by each group should be discussed with the whole class and any differences in opinion should be recognised and noted as valid if appropriate.

### The Woodland Virus Questionnaire

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Please photocopy and hand out The Woodland Virus Questionnaire which should be completed by pupils individually and handed to the teacher.

The teacher can then give the answers and discuss differences in opinion which should be recognised and validated if appropriate.

### The Play – Post-programme

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The final item in this teacher workbook is a play based on The Woodland Virus story.

You can either perform the play in-class or as a school wide production.

Week	Learning Objective	Introduction	Main Teaching Activity	Plenary and Extensions
1	To ascertain prior knowledge on ways to prevent spread of a virus	Inform the children that they will be learning about ways to help prevent the spread of a virus. These might include quarantine, social distancing and general hygiene routines such as washing hands, etc Ask what is meant by these terms and give the children time to discuss with partners and give feedback	As a group complete a KWL grid This grid should be displayed throughout the project and updated as discoveries are made K = What they know W = What they want to know L = What have they learned	Key Question (KQ): How could we find out the answers to the key questions
2	To know what a virus is and how it can spread	KQ: Where is Spike and why isn't she at school? Complete the activity on page 9 as a whole class discussing each word found <b>Read to page 12</b> KQ: What is a virus and how might it be spread? Give the children 5 minutes to discuss in groups or pairs and discuss answers.	(ICT Suite) Children to visit the website – <a href="http://www.barneyecho.co.uk">www.barneyecho.co.uk</a> Allow the children time to explore the website and ask them to particularly look at the Community Education Awards at clubs/activities that other schools have completed.	Take feedback from main activity and complete the activity on page 11 discussing the meaning of each word
3	To know what is true information	<b>Read to page 15</b> KQ: What is quarantine and why did Spike have to quarantine? Complete the activity on page 14 as a whole class discussing each word solved <b>Read to page 17</b> KQ: Why can't Spike play football for the team or go to a birthday party? Give the children 5 minutes to discuss in groups or pairs and discuss answers. Complete the activity on page 17 and discuss what is true and what is false	Design a poster showing Spike in quarantine with a 'what she can do' and a 'what she can't do' grid	Self and peer assessment of the posters against the discussed criteria
4	To know what Professor Garry Owl's Five Rules to Stay Safe are	<b>Read to page 20</b> KQ: What are Professor Garry Owl's Five Rules to Stay Safe? Complete the activity on page 21 as a whole class discussing each rule in depth Give the children plenty of time to discuss in groups or pairs and discuss answers. Take into account each new view given and validate opinions. <b>Read to page 24</b>	Design a poster showing Professor Garry Owl's Five Rules to Stay Safe	Self and peer assessment of the posters against the discussed criteria
5	To know how a virus can spread between hosts	<b>Read to page 28</b> KQ: Why didn't Barney want Dizzy to visit Spike? Complete the activity on page 29 as a whole class discussing each statement carefully <b>Read to page 38</b> KQ: Why couldn't Dizzy outrun the Woodland Virus?	Science Lab – use a microscope to view something that might otherwise be invisible	Recap on previous lessons KQ: What have you learned? Discuss as a whole class.
6	To complete parent activity	Ask the children to take their book home and complete the parent activity	Discuss results of parent activity in class either in groups or in pairs. Discuss findings in a whole class setting.	Children perform the play in class. Children consider forming their own 'Stay Safe' club





# What should I do to stay safe and why?

Statement	Agree	Disagree	Why?
If someone is in self-isolation I should go round to their house with a gift			
I should wash my hands before I eat and also afterwards			
I should wash my hands when I've been to the bathroom, every time			
I can go to the park and play tag with people I don't know			
I should visit my grandparents as often as I can			
I can stand as close as I want to if I'm with my best friend			
If I've got a cold I should go to school anyway			
If I wash my hands regularly it's impossible to catch a virus			
I can have fun with my parents if we're self-isolating			
If someone in my family tests positive for a virus I can still go to school			





# How do we help to prevent the spread of a virus?

Should I	Agree	Disagree	Why?
Wash my hands as often as I can?			
Self-isolate if I feel unwell?			
Talk to my Grandparents on the phone, rather than going to their house?			
Follow the Governments advice to protect the NHS and help save lives?			



# The Woodland Virus – Questionnaire

## Answers for teachers

### Answer 1:

Professor Garry Owl was very concerned and immediately took action

### Answer 2:

**Rule 1** – Wash your hands often, but especially when you've been to the bathroom and before and after you've eaten and also when you get home from school

**Rule 2** – Limit contact with any animals that you don't live with

**Rule 3** – Don't visit elderly animals or those that are self-isolating

**Rule 4** – You should keep apart from other animals whenever you can

**Rule 5** – If you feel unwell or have a high temperature you must stay at home

### Answer 3:

Because Digsby's Grandfather is an older animal and would become very ill if he caught The Woodland Virus.

### Answer 4:

Spike stayed off school for two weeks because her and her family were self-isolating to help stop any potential spread of The Woodland Virus.

### Answer 5:

Dizzy thought he could run faster than a virus and it wouldn't catch him.

### Answer 6:

Tom Stoat showed Dizzy 'invisible' particles that he wouldn't be able to see without using a microscope.

### Answer 7:

Wash your hands for at least 20 seconds.

### Answer 8:

He started a school club to help his friends follow Professor Garry Owl's five rules.



# The Woodland Virus Questionnaire

Please photocopy and hand out to pupils individually – Pupils should be given at least 15 minutes to complete.

1. How did Barney and his friends react when Professor Garry Owl told them that Spike the Hedgehog may have come into contact with The Woodland Virus?

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.....

2. What are Professor Garry Owl's Five Rules to Stay Safe?

.....  
.....  
.....

3. Why couldn't Digsby the Mole's Grandfather attend his birthday party?

.....  
.....

4. How long did Spike the Hedgehog stay off school and why?

.....  
.....

5. What did Dizzy the Rabbit think he could do to beat the virus?

.....  
.....

6. What did the scientist Tom Stoat show Dizzy the Rabbit by using his microscope?

.....  
.....

7. What should you do before and after eating and also after using the bathroom?

.....  
.....

8. What did Dizzy the Rabbit decide to do to help his friends try to prevent the spread of The Woodland Virus?

.....  
.....



What Did I do?

What Did I Learn?





# The Woodland Virus One-Act Play

## The Play

### Barney Says Follow Professor Garry Owl's Five Rules and Keep Safe!

#### **Notes for Director;**

- Photocopy as many scripts as you will need.
- Audition for characters and once confirmed, give each character a copy of the script to learn their lines.
- Create costumes for the characters.
- Create Props as necessary.
- The play can be delivered copyright free as a school production for pupils and/or parents/guardians.
- It is recommended that you spend at least 5-6 hours rehearsing the play for school performances and longer for performances for parents/guardians.

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#### **MAIN CAST**

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Professor Garry Owl:

Barney the Eagle:

Echo the Squirrel:

Dizzy the Rabbit:

Tom Stoat:

Digsby Mole:

Spike the Hedgehog:



# 'The Woodland Virus'

## Barney Says Follow Professor Garry Owl's Five Rules and Keep Safe!



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### SCENE 1

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*The set is a glade in the forest*

*Spike the hedgehog is sitting alone on a tree stump looking glum*

*Enter Barney the Eagle, (stage left) wheeling a barrow*

**Barney:** (To the audience) Hello everyone, my name is Barney the Eagle and I'm on my way to visit my friend Spike the hedgehog. Every spring I help her and all of her family move from the hedge at the bottom of the glade where they've been living all winter up to the top of the ridge where they can enjoy the sunshine.

*Barney spots Spike sitting on the tree stump*

**Barney:** There's Spike Hedgehog now

*Barney begins wheeling his barrow across the stage*

**Spike:** (*Shouting urgently*) Don't come any closer!

**Barney:** (*Startled*) Why not Spike, is everything ok?

**Spike:** We went to visit Uncle Thorns in the forest where he lives and he's fallen ill with The Woodland Virus! Now I have to stay away from everyone for two weeks just in case he passed it onto me!

**Barney:** (*Obviously keeping his distance*) That's not good news, I hope you and your family are not sick too.

**Spike:** No, we're all very well, that's the frustrating part. None of my family have got The Woodland Virus, but I can't see my friends or go to school, it's not fair!

**Barney:** (*Looking concerned*) It's better if you self-isolate for two weeks. I'll be back to check up on you, but for now I need to go to your school and find out if Professor Garry Owl knows that The Woodland Virus has entered Tree Top Forest

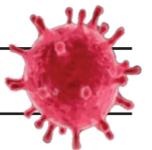
*Barney exits (stage left)*

*Spike exits (stage right)*

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### SCENE 2

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*The set is the school playground*

*Enter Echo Squirrel, Digsby Mole and Dizzy Rabbit (stage right). Digsby always moves quite slowly and Dizzy Rabbit always moves quickly, darting around the stage. The three friends chatter excited and happy.*

**Echo:** I love springtime! I saw daffodils starting to open near my home!

**Digsby:** My Dad has had to cut the grass around our hill twice this week already!

**Dizzy:** When I was running to school this morning, I saw a lamb being born, right there in the field!

*Enter Professor Garry Owl (stage left) looking worried. He is the Head Teacher and the three friends stop chattering and become attentive.*



**Professor Garry:** I have some very bad news. I've been speaking with Barney the Eagle and he tells me that Spike and her family may have come into contact with The Woodland Virus.

*Echo, Digsby and Spike gasp and look shocked*

**Professor Garry:** The Woodland Virus is very contagious and if any animals catch it they may have to go to hospital to get better.

*Enter Barney Eagle (stage left)*

**Barney:** *(speaking to Professor Garry)* What precautions do we all need to take?

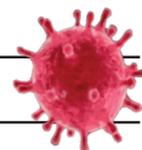
**Professor Garry:** I'll be giving a special school assembly at nine am. If you stay to hear what I say you can help afterwards by flying to the four corners of Treetop Forest to let all the animals know how to keep safe.

**Barney:** Yes, ok

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### SCENE 3

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*Curtain up;*

*The setting is a school assembly.*

*Professor Garry Owl is standing at the back of the stage with all the other animals sitting in front of him. Barney is sitting in a chair to one side. There is a white board set up behind Professor Garry. The animals are sitting very quietly, looking nervous.*

**Professor Garry:** As you might have already heard, on a trip to another forest Spike Hedgehog and her family may have come into contact with The Woodland Virus. As a precaution the whole family is now in quarantine for fourteen days.

*Several animals raise their hand's to speak. Professor Garry points at Digsby.*

**Digsby:** What does quarantine mean please sir?

**Professor Garry:** It means that Spike and her family cannot see another animal for two weeks and they must stay indoors.

**Digsby:** Can Spike still come to my birthday party on Saturday?

**Professor Garry:** I'm afraid not

*Digsby looks upset and almost starts to cry*

*Dizzy shoots up his hand and speaks without being given permission*

**Dizzy:** Will she still be able to play football for the team on Sunday?

**Professor Garry:** No, I'm afraid she won't be able to do that either

*The animals start to chatter in low voices*

**Professor Garry:** Quiet please

*The animals stop chattering*

Barney: What can we all do to keep safe?

*Professor Garry takes a large red marker from his pocket and writes Wash Your Hands on a white board behind him*

**Professor Garry:** Number one. You must wash your hands often for at least twenty seconds. Especially after you have been to the bathroom, before and after you have eaten and also when you get home from school.



*Professor Garry writes Limit Contact with Animals You Don't Live With on the board*

**Professor Garry:** Number two. Limit your contact with friends and animals that do not live with you, Try and stay two metres away from all other animals.

**Dizzy:** *(shouting excitedly)* We can't do that! What about football and tag and rolling around on the grassy bank? I can't stay two metres away from my friends and also do any of those things.

**Barney:** *(looking sympathetic)* You'll just have to try your best, we all will.

*Professor Garry writes Don't Visit Elderly Animals Who Are Self-Isolating on the board*

**Professor Garry:** Number three. You mustn't visit any elderly relatives at all if you can possibly help it. I will be writing to all of the older animals today and asking them to self-isolate.

**Digsby:** What does self-isolate mean please sir?

**Professor Garry:** It means that I'll be asking them all to stay indoors for the next two weeks and not to allow other animals into their homes.

**Echo:** We'll be able to visit our own grandparents though won't we sir?

**Professor Garry:** I'm afraid not. If an older animal catches The Woodland Virus they will be very sick.

**Digsby:** *(starting to cry)* But my Granddad said he's coming to my party.

**Professor Garry:** I'm sorry. I know this is all very hard for you to understand, but we all need to follow the rules so that all animals are safe.

**Barney:** We will

*Professor Garry writes Keep Apart from Other Animals Wherever You Can on the board*

**Professor Garry:** Number four. If for instance you go to the shops either by yourself or with a parent you should stay at least two metres from all other animals and not touch anything unless you're going to buy it. You should wear a mask and use any hand sanitiser that the shopkeeper may have provided. You should then wash your hands for at least twenty seconds as soon as you get home.

*Professor Garry writes If You Feel Unwell Stay at Home on the board*

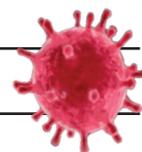
**Professor Garry:** If you feel unwell or have a higher than normal temperature you must stay at home. Don't go to see Dr Badger straight away, but ask your parent to call him on the telephone and explain how you feel. Most importantly, if you feel unwell you must not come to school.

*Animals all gasp*

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## SCENE 4

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*Setting the forest*

*Dizzy Rabbit is running as fast as he can around the stage. Barney Eagle enters (stage right) trying to keep up. They run around the stage until finally Barney Eagle cheats and cuts off the circle and stops in front of Dizzy rabbit who also stops. Both animals pant.*

**Barney:** Where are you running to?

**Dizzy:** I'm going to visit Spike. She's my best friend and I'm missing her.

**Barney:** *(alarmed)* You can't go and visit Spike, you know she's in quarantine and can't see any other animals. What if she's got The Woodland Virus and you catch it? What will you do then?

**Dizzy:** *(laughing)* Don't worry, I won't catch it. I'm much too fast. Watch this, there's no chance a stupid virus could catch up with me!



*Dizzy Rabbit runs around the stage as fast as he can.*

**Barney:** The Woodland Virus is invisible and you won't know if you've caught it or not until you start feeling unwell.

*Dizzy Rabbit stops running.*

**Dizzy:** You saw how fast I am, there's no way it can catch me.

**Barney:** *(stern and commanding)* You still can't go and see Spike no matter how fast you are.

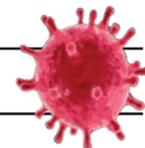
*Dizzy looks angry and stomps off the stage (stage right)*

*Barney rubs his chin as though he's thinking hard.*

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## SCENE 5

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*Setting Tom Stoat's Scientific Glade. There is a Koffometer at the back of the stage. The Koffometer is performer in a black t-shirt. The performer should act like a robot and the t-shirt should have Koffometer written on it. The performer holds a red button in one hand. There is a desk with a microscope on top to stage right.*

*Barney Eagle and Dizzy Rabbit enter (stage left)*

**Dizzy:** I'm sorry if I was rude yesterday Barney. I didn't mean to hurt your feelings, but I am too fast for that virus you know?

**Barney:** That's ok.

**Dizzy:** Where are we?

**Barney:** This is Tom Stoat's Scientific Glade and Tom has got something scientific to show you.

**Dizzy:** Brilliant! I love science!

*Tom Stoat enters (stage right). He's wearing a long white coat and a face mask.*

**Dizzy:** Hello Tom. Why are you wearing a mask?

**Tom:** The Woodland Virus is what's known as an airborne virus and it can pass from animal to animal quite easily through the air.

**Dizzy:** Wow. How does that work?

**Tom:** Well if I had a virus and coughed, I might pass it on to you or Barney. Watch this!

*Tom Stoat goes to the back of the stage and presses a large red button on the Koffometer. The performer gurgles and then coughs onto a large black cloth.*

**Tom:** Look at the cloth. See how one cough has covered the surface in liquid?

*Dizzy, Barney and Tom all stare at the cloth. Tom Stoat picks up a microscope slide and scrapes the cloth as if collecting a sample of the liquid.*

**Tom:** This is called a slide and scientists like me use them to collect samples to look at under a microscope.

**Dizzy:** Wow, that's cool!

*Tom Stoat puts the slide under the microscope right of stage*

**Tom:** Have a look Dizzy

*Dizzy Rabbit peers through the microscope lens for several seconds. Barney Eagle winks at Tom Stoat.*



**Dizzy:** *(excited)* There are thousands of red, sticky balls all rushing around really fast and bumping into each other! What are they? I couldn't see them on the cloth.

**Barney:** Yes, those balls are too small to see with just your eye. You could say they were invisible!

**Dizzy:** *(scared)* Is that The Woodland Virus!

**Tom:** *(laughing)* No, it's something harmless that I added to the Koffometer so that you could see something that was invisible.

**Dizzy:** Phew. Even I couldn't outrun a cough!

*Barney Eagle looks at Tom Stoat and they smile*

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## SCENE 6

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*Setting School Playground*

*Enter Barney Eagle, Echo Squirrel, Dizzy Rabbit, Digsby Mole followed by Professor Garry Owl (stage left). The animals enter at two metre distances and stand in a socially distanced circle. They are chatting and excited to be at school.*

*Enter Spike Hedgehog skipping (stage right)*

**Echo:** *(excited)* Look everyone, here comes Spike!

*All the animals gather in a socially distanced group facing the audience.*

**Barney:** Hello Spike, I'm sure you're glad to be able to come to school again?

**Spike:** I am excited!

**Professor Garry:** It's good to have you back Spike. How are your family?

**Spike:** Everyone is very well thank you. We didn't catch The Woodland Virus at all!

**Digsby:** What was quarantine like?

**Spike:** *(laughing)* It's quarantine silly!

*All the animals laugh, including Digsby who isn't offended at the grammar correction.*

**Dizzy:** I bet you were bored stiff, cooped up at home for two whole weeks. It would have driven me crazy, I need to be running around fast!

**Spike:** *(laughing)* It was great actually. Spending time with my Mum and Dad, playing games, sewing up blankets and generally chatting was amazing!

**Professor Garry:** And it was good to see that you'd completed all the school work that you were set too

**Spike:** I really enjoyed it, thank you.

**Dizzy:** I'm doing something new Spike!

**Spike:** *(interested)* What is it?

**Dizzy:** I'm starting a new club. It's going to be called the 'Follow the Five Rules and Stay Safe Club'!

**All Animals Together:** *(excited)* Wow! Can we join?



**Black Out**

**All Performers to front of stage**

**LIGHTS UP**

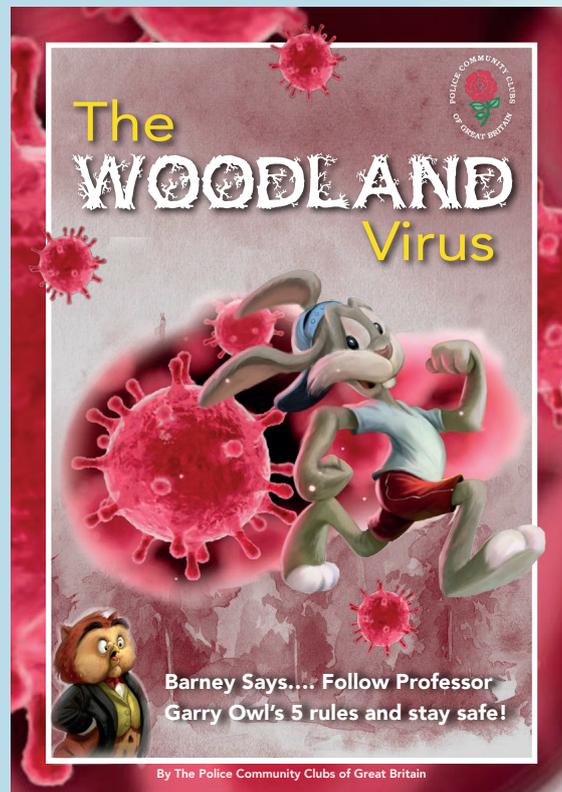
**TAKE A BOW**



*We hope that you and the children have enjoyed The Woodland Virus, Barney says, follow Professor Garry Owl's Five Rules and Stay Safe and have learned a number of valuable lessons.*

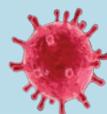
*Feedback from schools is vital to our future programmes and we would appreciate it if you would take a few moments to complete the short and simple feedback form available on the website:*

**[www.barneyecho.co.uk](http://www.barneyecho.co.uk)**



Written by Kelly Griffiths

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