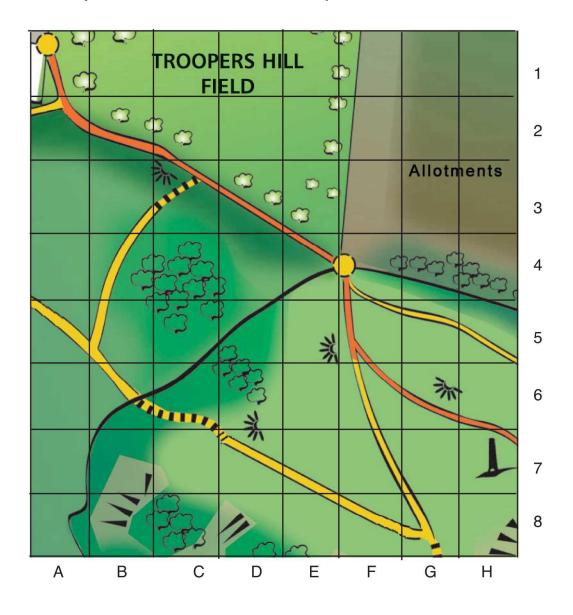
COPPER TRAIL - GRID CHALLENGE



Find seven trees, mammals or creatures of the night using the grid references. They are all on, or close to the path. Write their names below.

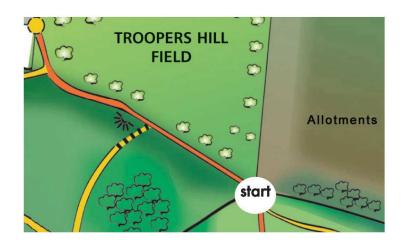


F4	
E5	
C7	
C6	
B6	
B3	
C3	

COPPER TRAIL - COMPASS CHALLENGE



Can you find seven metal symbols for trees, mammals and creatures of the night just by following directions with a compass?





1. Find and stand at the start point.

CLUE: I am a rodent but humans like me. I eat nuts, seeds and bury acorns to eat in the winter. Iam great at climbing trees but can damage them. What am I?

2. Continue S. to the bench on the right

CLUE: I appear around dusk and get around by echolocation. I can eat thousands of insects in a single night. I help to pollinate plants and spread seeds. What am I?

3. Continue S. to the waymarker on the right. Continue N.W. to the top of some steps. CLUE: I am a bird of prey and a creature of the night. I have a wide face and am said to be wise. I have big eyes and great eyesight so I can hunt small mammals and insects. What am I?

4. Continue N.W. a few paces.

CLUE: I am very common and my seeds are often called helicopters. I lose my leaves in winter. I will grow almost anywhere and I can be a nuisance. What am I?

5. Continue NW to the foot of the steps and sniff the air.

CLUE: I am a mammal and a distant relation to the dog. I leave a strong smell to mark my territory. I eat mostly anything and am starting to live in the city. What am I?

6. Continue N.W. until the branch in the path. Choose the path to the N. Find a clearing with a cut down tree covered in fungi.

CLUE: I am a larger mammal. I am herbivorous (vegetarian). Males are called 'buck' and females are called 'doe'. What am I?

7. Continue N.E. up the steps.

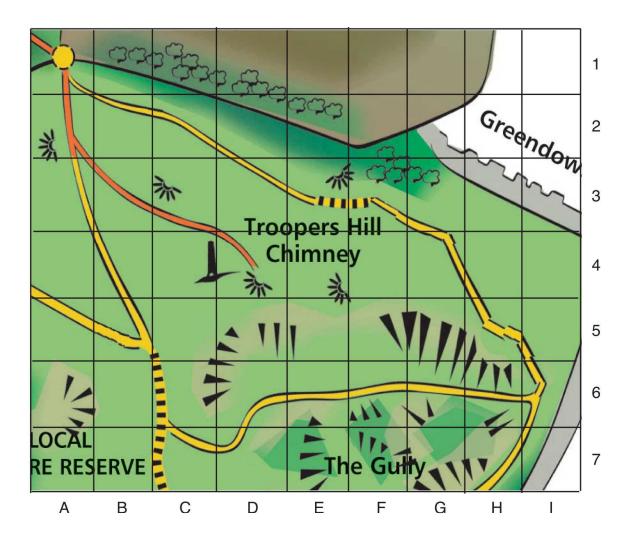
CLUE: I bear edible fruits in autumn and lose my leaves in winter. My fruits are roasted in their skins and used in stuffing, especially at Christmas. What am I?

To return to the start, turn S.E. along the track at the top of the steps.

BRASS TRAIL - GRID CHALLENGE



Find plants, birds and a reptile using the grid references. They are all on, or close to the path. Write their names below.

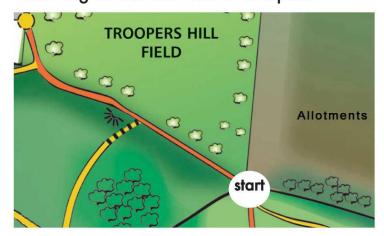


B2	
E3	
F3	
G6	
D6	
C6	
C5	

BRASS TRAIL - COMPASS CHALLENGE



Can you find seven metal symbols for plants, birds and a reptile just by following directions with a compass?





1. Find and stand at the start point.

- 3. Continue more E. than S. to the bottom of the steps.

CLUE: Look for me in the summer, close to the ground. I only open my small petals when the sun is shining. Some people think I'm a weed. What am I?

4. Continue S.E. towards the big oak tree. Pass the oak tree on your right to meet a main path. Turn W. on the path and enter the Gully. Turn N.W. on the faint path that gently slopes upwards. Where the path bends N. carry straight on N.W. a short distance to a tree stump in a flat grassy open area.

CLUE: I turn the Hill pinkish purple in late summer. I like dry, acidic soils. Bees and insects love the nectar I hide in my bell-shaped flowers. What am I?

- 5. Return back S.E. to the path running along the bottom of the Gully. Turn W. along the path and continue until you see a big rocky basin on your right and the chimney above it. CLUE: I am found in open rather than shady places. Some people think I am a medicinal plant. My pollen attracts bees and other insects. What am I?
- 6. Continue W. along the path that wiggles up out of the end of the Gully. Then turn S. Follow the path as it turns to the W. Stop when the path goes down 1 small step.

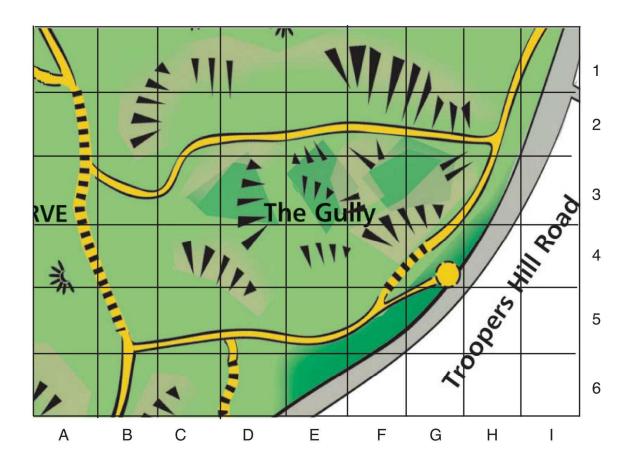
 CLUE: I am a reptile and have scaly skin. I love to bask in the sun. I can move quickly. I like to eat small insects such as flies, grasshoppers and spiders. What am I?
- 7. Continue N. up the steps to the waymarker.

CLUE: I am a warbler. You can see me in spring, summer and autumn but I fly to Africa in the winter. I eat insects, berries and fruit. What am I?

ZINC TRAIL - GRID CHALLENGE



Find nine creepy, poisonous or sweet things using the grid references. They are all on, or close to the path. Write their names below.



СЗ	
H2	
НЗ	
G4	
F5	
D5	
B5	
B5	
A4	

ZINC TRAIL - COMPASS CHALLENGE



Can you find nine metal symbols for creepy, poisonous or sweet thing just by following directions with a compass?





1. Find and stand at the start point. Go S.E. along the path a short distance.

CLUE: I am a reptile sometimes called a legless lizard. I eat slugs, worms, spiders and insects. I like the sun, but also like to hide under things. What am I?

2. Turn N. following the path down into the Gully and continue E. along the path as it runs along the bottom of the Gully. Towards the end of the Gully look for some rocks with bright yellowy green lichen on them. Pause here.

CLUE: I am most obvious in autumn. I hide in tunnels I spin and I also make webs to trap my food. I eat butterflies, wasps and flies. What am I?

3. Continue E. to a path T junction. Turn S. Contine to the rusty Badger Bridge.

CLUE: I pretend to have big eyes to scare predators such as mice. I like full sun and take the nectar provided by plants like honeysuckle. What am I?

4. Continue S.W. a short distance.

CLUE: Like other butterflies around here, I am good at camouflage. I feed on nectar, especially from purple flowers such as heather. What am I?

5. Continue S.W. about the same distance

CLUE: I am tatty around the edges and get my name from a white mark under my wing like a comma. I need nettles to thrive. What am I?

6. Continue W. a little way.

CLUE: I am sometimes known as woodbine. I smell very sweet and attract all sorts of flying insects with my delicious nectar. What am I?

7. Continue W. until you meet a path at the bottom of some steps.

CLUE: My antenna are shorter than my body. I make sounds by rubbing my legs against my wings. I like to eat grasses and leaves. What am I?

8. Continue N. W. until halfway up the steps.

CLUE: I am a beetle. My wings are bright red, orange or yellow with black spots. I can be a pest but I help by eating (aphids) greenfly. What am I?

9. Continue N. up steps near where you started.

CLUE: My name is fly agaric and I am posionous, like many of my fellow fungi. I like shady, cool places. I am eaten by squirrels and rodents. What am I?