

Outdoor & Woodland Learning Activity Sheet

Activity:	Animal Tracks (Numeracy)											
Habitat:	Any			Season:	S	✓	S	✓	A	✓	W	✓

Level	
Early	✓
First	✓
Second	✓
Third and Fourth	
Senior Phase	

Curriculum topics			
Expressive Arts		Health and Wellbeing	
Languages	✓	Mathematics	✓
Religious & Moral Ed		Sciences	✓
Social Studies		Technology	

Equipment*	
Track identification guide	
Camera	
Pens/paper/clipboards	
Or stick to write in the sand/soil	

Time
Various

Key outcomes
Identification of animal tracks
Practice number processes using numbers of animal track toes
Create animal tracks times tables

*Items depicted in bold are available from CALLP

Activity description
<p>This activity involves finding animal tracks outside, using the tracks identification guide to work out what made the track and calculating how many toes you have found! For younger pupils these numbers can be used for practicing a variety of number processes. For older pupils use the tracks identified for more complicated problems and to create various times tables.</p>

Notes
<p>Use the Animal Tracks and Signs guides to help (note: dog prints not included on this)</p> <p>Follow on with the Animal Stories (literacy) activity.</p>



Animal tracks

Learning intentions

- Identification of animal tracks
- Practice number processes using numbers of animal track toes
- Create animal tracks times tables

This activity involves finding animal tracks outside, using the tracks identification guide to work out what made the track and calculating how many toes you have found! For younger pupils these numbers can be used for practicing a variety of number processes. For older pupils use the tracks identified for more complicated problems and to create various times tables. There is also a bonus activity when you get back inside – try and recreate any or all of the tracks you find in the kitchen by making a healthy snack (see page 2 for some ideas). If you want to, upload a photo of your tracking adventure and your track snack.

1. Where do you think you might find animal tracks?
On the pavement? In the mud? On the grass? On a beach? In the snow?
2. Find somewhere suitable that you think there might be some animal tracks. Take photos of the tracks you find.
Can you follow the tracks safely? Which way has the animal gone? Where do they lead?
3. On the track identification guide, work out what animal you are following.
4. How many toes are there? Add the toes on one track to the number of toes another track. How many do you have?

For example, I found.....



A dog track = 4 toes



Deer tracks
= 3 tracks x 2 toes = 6 toes



and this one....how many toes?

So how many toes did I find altogether? $4 \text{ dog} + 6 \text{ deer} + ? =$

Now it's your turn. There are lots of different ways of working out how many toes. How many ways can you find?

5. Make an animal tracks times table. Choose a track for 3, 4 and 5 times tables and draw out or print and cut out the tracks for the first five rows.

This is my 2 times table, the deer track times table



$$1 \times 2 = 2$$

$$2 \times 2 = 4$$

$$3 \times 2 = 6$$

$$4 \times 2 = 8$$

$$5 \times 2 = 10$$

6. Now that you've worked so hard, time to make a track snack. These are some ideas that I found. What can you make?

