Agriculture in the Classroom

Activity Book

THE UNDERGROUND ADVENTURE

Growing Forward 2

Newfoundland & Labrador Federation of Agriculture

Newfoundland Labrador

Canada

www.aitc.sk.ca

1. **Worms do not have eyes**, but they have receptor cells. This lets them know that they are in, or too close to, light. They don't like the light and will die if left in sunlight for too long.
2. **Worms do not have lungs**, they breathe through their skin. Worms must remain wet at all times so dissolved oxygen can be absorbed into their skin.
3. **Worms do not have teeth**, but they do have a mouth. Since they don't have teeth, they suck food through their mouths by the use of a powerful pharynx. They have a gizzard, much like a chicken, which helps them grind their food.

Food List

Worms like their food chopped as small as possible!

- **All vegetables** (table and preparation scraps, peels, and veggies that are past their time)
- **All fruits** (table scraps, peels, and cores)
- **Fibre:** shredded paper, egg cartons, peanut shells, magazines, napkins, cardboard and junk mail

Healthy Snacks:

Coffee grounds and filters, crushed egg shells, tea bags (without staples), dead flowers and plants, leaves and plant trimmings.

Colour the picture of Alex the Earthworm

Help the worm
eat through the apple

Colour the picture of Alex and his mom

Worm Word Search Puzzle

u	n	d	e	r	g	r	o	u	n	d	n
l	w	e	c	v	w	r	q	h	b	o	t
r	o	a	o	e	f	u	x	h	s	b	a
v	r	r	m	g	k	g	m	u	o	m	u
v	g	t	p	e	c	f	b	b	i	a	r
s	a	h	o	t	e	m	x	w	l	n	c
b	n	w	s	a	h	t	t	v	r	u	t
u	i	o	t	b	g	l	r	g	s	r	o
m	c	r	m	l	z	z	o	s	q	e	e
r	b	m	p	e	b	l	o	p	y	n	z
w	u	x	d	s	g	k	t	z	n	z	f
r	k	m	r	l	o	d	s	u	j	k	d

earthworm
compost
manure
soil
underground
vegetables
organic
roots

Answer me, colour me!

Colour the answers in the picture using the key below.

1 = Red	6 = Yellow
2 = Brown	7 = Orange
3 = Blue	8 = Gray
4 = Green	9 = Light Blue
5 = Purple	10 = White

Worm Pals!

The worm has many friends. Each one has a different pattern.
Finish each worm pattern by colouring, drawing,
or writing in the missing design.

Worm Art!

Copy the picture of the worm in the apple using the grid pattern.

Here is your drawing.

Can you help the worm find its way to the centre of the apple

Earthworms!

Cut out the ruler. Measure each earthworm. Write the number of centimeters in the box next to each earthworm.
Circle the shortest earthworm in red.
Circle the longest earthworm in green.

WHAT TO FEED YOUR WORMS:

Yummy!	Yucky!
Anything green - especially the leafy stuff!	Citrus - no orange, lemon or lime
Fruits	Fats, Oils, Salad dressing
Vegetables	Breads & Cereals - can attract gnats
Coffee grounds & filters	Salts - no seasoned food
Tea bags	Meat - creates odors
Brown Paper, Black & White newspaper	Sugars- no processed food
Eggshells – crushed; adds calcium	Garlic, Onions - creates odors