

# Plant Growth and Changes

TEACHER PACKAGE

Thank you for booking a Teacher's Pet In-School Field Trip!



TEACHER'S PET™



In this package, you will find some key documents that will help you prepare for your upcoming fieldtrip. This package includes:

- ✓ Field Trip Form
- ✓ Checklist Letter
- ✓ Learning outcomes that will be explored during the fieldtrip
- ✓ Information Sheets about payments and volunteers

★ Please use the Checklist Letter as your guide as you prepare your classroom for our visit.

*Please note that all documents are copyrighted and any reproduction or distribution of these documents electronically or otherwise, in whole or in part, is strictly prohibited except for the purposes of this singular scheduled field trip.*

If you have any questions, please feel free to contact us at

- ★ 780 434 8224
- ★ 1-888-634-8738 for Calgary
- ★ Email: [fieldtrips@tpet.ca](mailto:fieldtrips@tpet.ca)

We are looking forward to visiting your classroom and engaging your students in an energetic and interactive learning experience!

Best wishes,

The Teacher's Pet Team



*No bus needed!  
We come to your  
classroom!*

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FOR YOUR INFORMATION

## Payments

Please note our Payment Policy:



1. You will be invoiced once the field trip has taken place. This invoice will be emailed directly to the accounts payable individual at your school.
2. Payments may be by cheque or credit card.
3. If paying by cheque, please make the cheque out to **Teacher's Pet Educational Services** and mail to:  
Teacher's Pet Educational Services  
11215-180 Street  
Edmonton, AB  
T5S 0B4
4. If paying by credit card, please call the office at:  
780 434 8224 (Edmonton)  
1 888 634 8738

Please note: We are an approved vendor in your school district.

## Volunteers

Volunteers are an integral part of your classroom and during this field trip. On your checklist letter and on the field trip form, you will find a suggested number of volunteers that are needed for this event. Please be aware that there may be components of this field trip where volunteers will need to read English. If this is difficult for some of your volunteers, we will try to place them at stations with little or no reading but this is not always possible.



## Student Booklets



Teacher's Pet is going green! We are committed to helping the environment in accordance with green initiatives undertaken within schools. We are currently in the process of reducing the length of or eliminating the student booklets that have been used in our field trips. We understand that photocopying costs are steep and excess paper usage is not good for the environment.

As change takes time, some our field trips will still have a reproducible student booklet this year. We thank you for your patience during this time of transition.

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IN-SCHOOL FIELD TRIP FORM

A Teacher's Pet Educational Services In-School Field Trip is visiting our classroom! Our students will have an opportunity to participate in interactive stations while learning several key components of the curriculum.

Here is brief outline of our learning adventure!

**Plant Growth and Changes:**

Your children will travel to the four different habitats in Mosquito Park. Students will learn how to classify common plants according to their leaves, identify special plant adaptations, learn how an insect sees flowers, make an origami frog, and bring a grassland friend home to take care of!



Date of presentation: \_\_\_\_\_ Time of presentation: \_\_\_\_\_

Cost: \_\_\_\_\_ Please return your payment for this event by \_\_\_\_\_

✂ -----

I hereby give my son/daughter \_\_\_\_\_ permission to participate in the Plant Growth and Changes In-School Fieldtrip on \_\_\_\_\_ at \_\_\_\_\_ AM/PM.

Date: \_\_\_\_\_ Signature: \_\_\_\_\_

Amount enclosed: \_\_\_\_\_

In order for your child to receive the maximum benefit from this field trip, we will require 3 volunteers to help out in station activities. Please arrive at least 15 minutes before the scheduled field trip time to receive instructions.

I will be able to volunteer.  
Name/phone number: \_\_\_\_\_

I am sorry, but I will not be able to volunteer.



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## CHECKLIST

The following is a checklist to help you prepare for this exciting event. We kindly recommend that this checklist is followed to ensure a smooth and productive field trip.

### Before the field trip:

- If it is your policy to send home a field trip form letter for in-school field trips, you are welcome to use the one included in this package. It has been provided for your convenience!
- 3 volunteers are requested and they should arrive at least 15 minutes prior to the beginning of the field trip.
- We will provide the Student Booklet for you.



### Day of the field trip:

- Please organize your classroom in the following way:
  - 4 clearly defined areas for the 4 stations (4 corners of the room if possible)
  - 4 stations require tables and chairs or desks pushed together for doing crafts and worksheets (enough seats for the number of students in each of the 4 groups)
  - Also, visuals will be displayed in the classroom.
- Divide your class into four groups. Students should be in these groups at the beginning of the field trip. If you have already decided how the students will be divided up, it will ensure a smooth transition.
- Please provide each student with a name tag and pencil.
- The Teacher's Pet representative will arrive approximately 20-30 minutes prior to the scheduled field trip to set up stations and talk to parent volunteers.

### During the field trip:

- Students will rotate through stations.
- The Teacher's Pet representative does not replace the classroom teacher. It is beneficial for the classroom teacher to roam freely to provide positive reinforcement and troubleshoot. This is a great opportunity to monitor and assess your students' learning!
- Since students are quite involved during the field trip, it is necessary for them to stay in for recess.

### After the field trip:

- Please fill out the online evaluation form found at <https://tpet.wufoo.com/forms/r7x3a7/> . Your input is very valuable and very much appreciated!

### Payment:

- Please refer to the Payment section included on the "For Your Information..." page for detailed information about our Payment Policy.

Please contact us if you have any questions or comments. Thank you for allowing us the privilege of visiting your classroom!

Best wishes,

The Teacher's Pet Team

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## LEARNER OUTCOMES

The following **Learner Outcomes** are explored to varying degrees within the 2 hour Grade 4 In-School Field Trip, Plant Growth and Changes.

### General Learner Expectations

*Students will:*

**4–10 Demonstrate knowledge and skills for the study, interpretation, propagation and enhancement of plant growth.**



### Specific Learner Expectations

*Students will:*

1. Describe the importance of plants to humans and their importance to the natural environment. Students who meet this expectation should be able to give examples of plants being used as a source of food or shelter, and be aware of the role plants play in the environment; e.g., preventing erosion, maintaining oxygen.
2. Identify and describe the general purpose of plant roots, stems, leaves and flowers.
3. Describe common plants, and classify them on the basis of their characteristics and uses.
4. Recognize that plant requirements for growth; i.e., air, light energy, water, nutrients and space; vary from plant to plant and that other conditions; e.g., temperature and humidity; may also be important to the growth of particular plants.
6. Recognize that a variety of plant communities can be found within the local area and that differences in plant communities are related to variations in the amount of light, water and other conditions.
8. Describe ways that various flowering plants can be propagated, including from seed, from cuttings, from bulbs and by runners.
11. Describe different ways that seeds are distributed; e.g., by wind, by animals; and recognize seed adaptations for different methods of distribution.