

Code	10032		
Class name	Breeding and cultivation I		
Semester	1st	Lecture target	3
Unit Classification	Elective	Unit count	1
Charge teacher	Nishimura Makoto		
Category	Professional education subjects		
Class style	Seminar		
Class time			
NO.	Bj31133w		

Professional career-experienced

- a course taught by a teacher with practical experience

On practical contents related to class

Taking advantage of the experience of elementary school teachers and the experience of practicing life sciences, we provide specific guidance by practicing animal breeding and vegetable cultivation methods necessary for kindergarten teachers

Language

- using languages other than Japanese

Active learning elements

- problem-solving-learning in cooperation with external organizations based on agreements
- discussion,debate
- group work
- presentation
- practical training,fieldwork

Class outline,goal

- Learn cultivation and breeding techniques through actual experiences such as growing vegetables and flowers from autumn to winter and breeding small animals that are familiar to you, and deepen your understanding of relationships with humans.
- Become interested in familiar animals and plants and think about relationships with humans. In addition, acquire knowledge and skills for breeding and cultivation throughout the year

Class plan

1st Orientation Explanation of class contents

2nd Observation of the nature of the area  
 3rd cultivation Try growing summer vegetables Find out about summer vegetables  
 4th Sowing seeds and growing seedlings  
 5th Making soil for growing vegetables 1 Cultivate a field  
 6th Making soil for vegetable making 2 Apply fertilizer  
 7th Growing vegetables Performing the process up to harvest  
 8th Grow flowers from spring to summer  
 9th Maintenance of planters and flower beds to be planted Cultivating flowers from the 10th seed  
 11th Breeding Find and observe small animals around you  
 The twelfth time to learn about the animals to be bred  
 13th Actual breeding and keeping an observation diary  
 The 14th cultivation and breeding results report meeting will be held Present each other in group work.  
 Twice Summary of the 15th activity Summarize the activities so far in a report. Twice Evaluation items for achievement evaluation

#### Grading method

- Understand the importance of daily life with life
- Understand how to grow vegetables and flowers
- Observe the flora and fauna that live in nature and understand their ecology
- Understand how to use various tools

#### Assigned books

Ministry of Education, Culture, Sports, Science and Technology "Kindergarten Guidance Guidelines " I will introduce it from time to time.

#### Classroom equipment

PC and video and projector

#### Advice on preparation and review

Advice for preparation and review Breeding and cultivation are required to be always involved, both inside and outside the class. Therefore, it is necessary to be actively involved with animals and plants because learning outside the class will be the result.

#### Class rules

- Strictly prohibited from being late, strictly prohibited from submitting reports, prohibited from using mobile phones
- Participate in clothes that are easy to work with Grade evaluation criteria, etc.

#### Grading Criteria

You can actually grow vegetables, grow flowers, and grow familiar small animals. Submit an

observation diary. Activity 50%, learning attitude 20%, report / observation diary 30%
Feedback method
Look back on the activities by using the observation diary and reports. Discuss in a group and look back on the activity.
Note
Those who have taken this class should also take "Cultivation and Breeding II" It is important to work every day to live with animals and plants. Let's water vegetables and flowers well on duty.
Office hour
Wednesday 3 and 5 frames We always accept questions.
Improvements from the results of the previous year's class evaluation questionnaire
Through breeding and cultivation activities, devise learning that is discovered and noticed.