

Growing your own farm Work Booklet



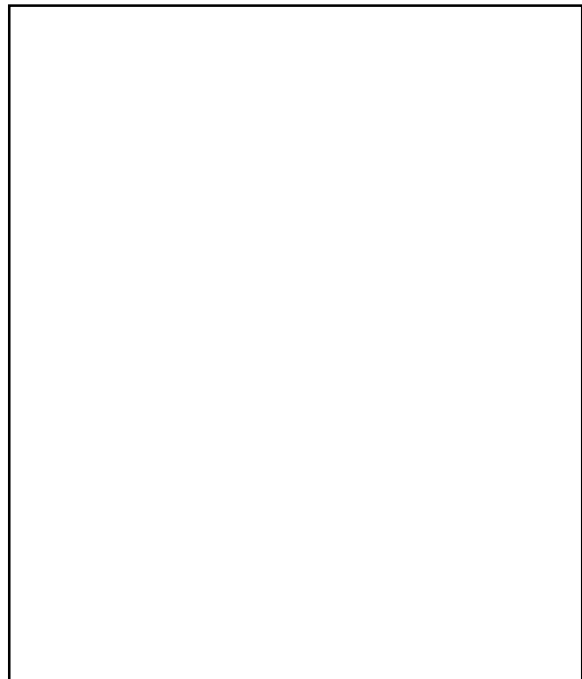
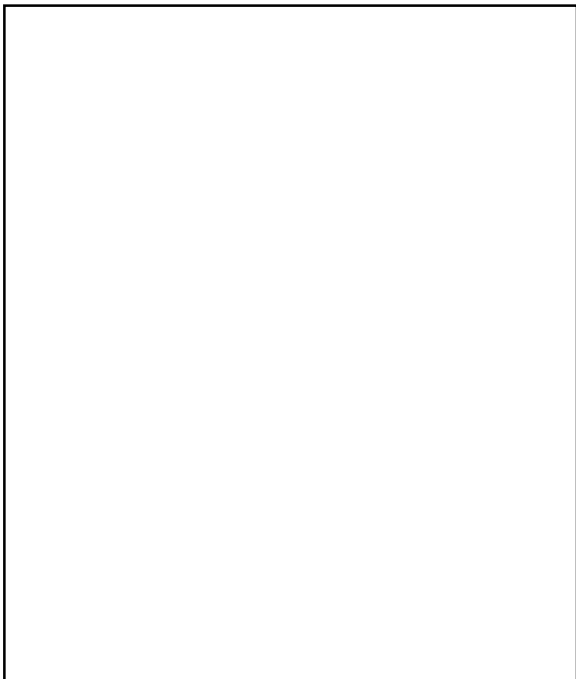
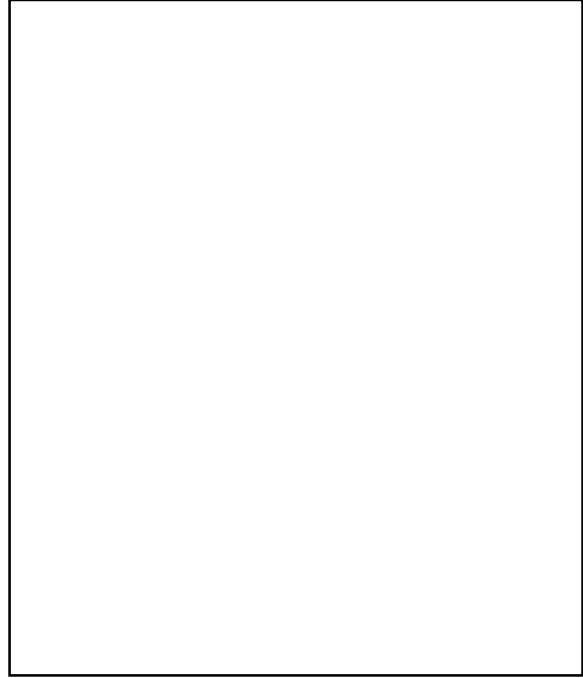
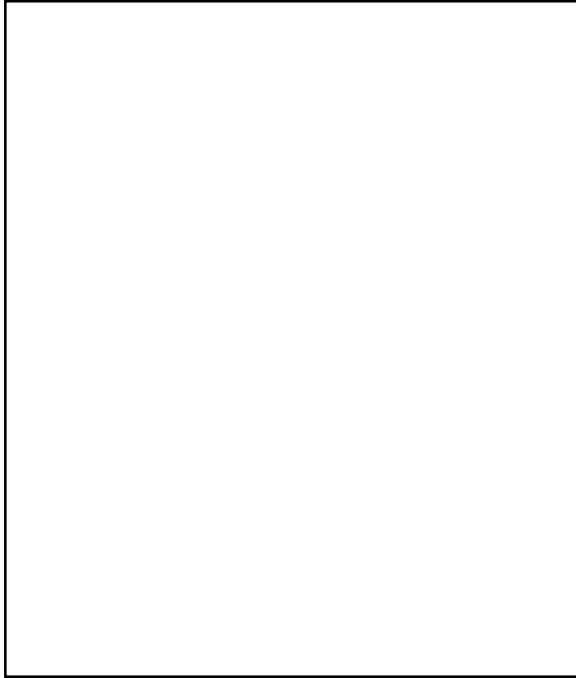
Name: _____



Let's Begin:

Activity 1: What's growing on the farm?

Draw four (4) plants which are farmed for food.





Activity 2: Draw your lunch box

Wheat

Activity 1:

1. What is plough used for? _____

2. What does it mean by 'seeds are sown'?

3. What part of wheat is used to make flour?

4. Name the machinery and what it is used for?



Strawberry

Activity 1:

1. Why do strawberry farmers cover dirt mounds with black plastic?

2. How do strawberry plant produce fruit?

3. How are strawberries harvested?

4. Is this different to how wheat is harvested?
How is it different?

5.  What is this machine?
What is used for? When do use it?

Potatoes

Activity 1: How are potatoes grown?

1. Where do potatoes grow? _____

2. What is a seed potato? _____

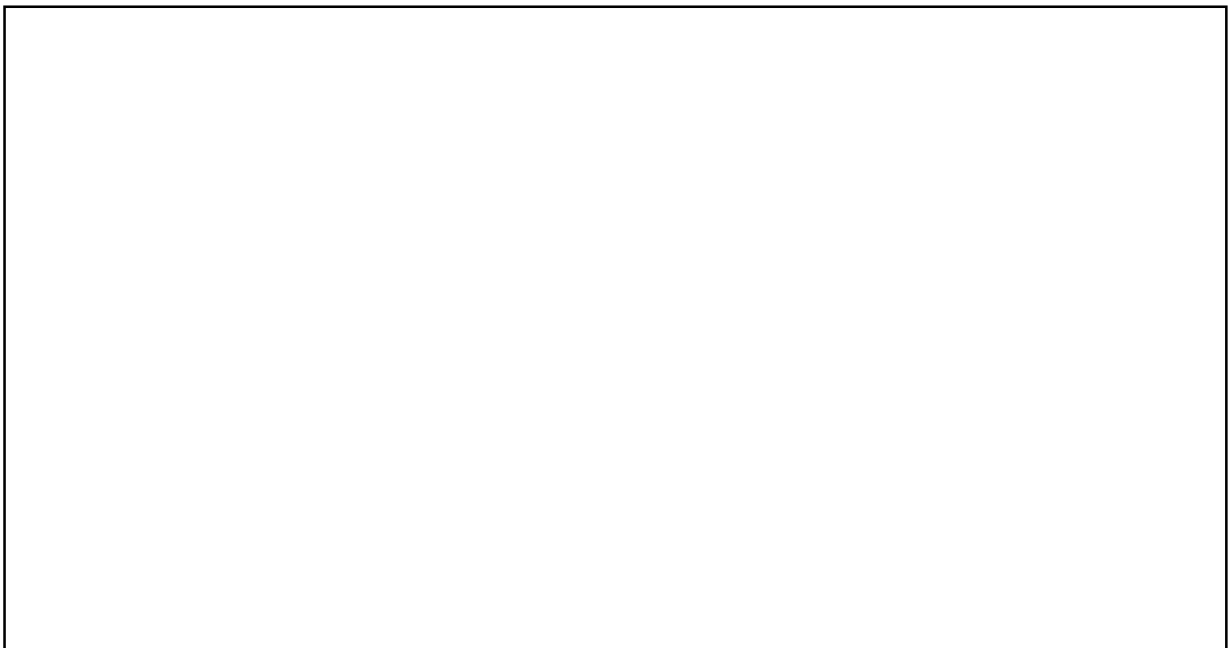
3. What does the first machine do? _____

4. Why do stones need to be removed from the ground before planting? _____

5. In what season are potatoes planted? Why are they planted in that season? _____

6. Draw a picture of a potato plant.

Label leaves, roots, tubers (potato) and soil.



Activity 2: Harvesting Potatoes

1. What machinery is used to harvest potatoes?

2. How does the potato harvester harvest the potatoes?

3. How much, in weight, potatoes will be harvested in one crop?

4. What do you think happens to the potatoes once they are harvested?

Rice

Activity 1: How does rice grow?

1. What is the rice seed called? _____

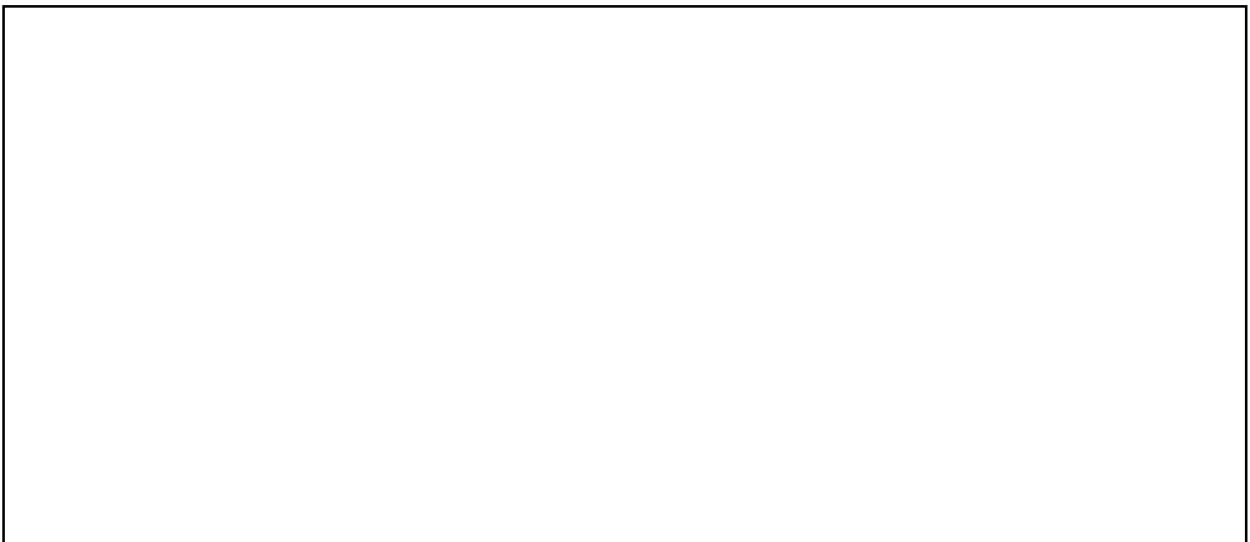
2. What does rice need to grow? _____

3. In what ways do machines help the farmer?

4. In what season does rice grow? _____

5. How does the look of rice change as it grows and ripens? _____

6. Draw a rice field. Label the rice plants and water.

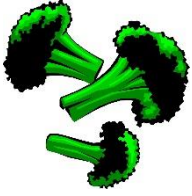


Activity 2: Processing rice

1. Where is rice stored? _____

2. How is brown rice processed to make white rice? _____

3. What is done to rice to get it ready to pack and sell it in a shop? _____



Task Sheet: Grow your own farm



Name: _____ Due Date: _____

Your Task:

You are a first time farmer wanting to start your own farm.

Using the information you collected from the activities, you are to plan and create a sequence of production steps for farming your chosen produce.

Choose your produce:

- Potato
- Wheat
- Rice
- Strawberry

Next you need to identify (list and describe) what is required during the production processes. Things to think about:

- Time (how long it takes grow, season)
- Materials, tools, equipment (what machinery is needed etc.)
- People needed (do you need helpers?)
- Technologies that may assist you

Once you have identified what you need, you need to create a timeline for the production process. What to include:

- When things are done
- What is used and when it is used
- An example of how to set out a sequence is provided on the next page. You may use this layout if you wish.

Your task has to be presented on a computer. You can use different programs as long as it includes all the above information.

Programs you can use:

- Microsoft Word
- PowerPoint
- Other- approved by teacher

Steps	Process
1st	
2nd	
3rd	
4th	
5th	
6th	
7th	
8th	

Rubric: Grow your own farm

Criteria	A	B	C	D	E
Completion of work booklet	Students have completed work booklet with questions written in detail (written in sentences for all answers).	Students have completed work booklet.	Students have attempted to complete (all activities have had an attempt at).	Minimal work in booklet (1 or 2 activities).	Work booklet not started.
Creating a sequencing of production steps	Students create a sequence of production steps that thoroughly lists and describes 5 or more steps.	Students create a sequence of production steps that lists and describes at least 5 steps.	Students create a sequence of production steps that list the order of steps.	Students attempt to create a sequence of production steps that lists the order of steps.	Minimal or no attempt at creating a sequence of production steps.
Identifying resources needed for during production processes	Students have identified and explained the resources needed; time, materials, tools, equipment, people; in specific detail (what, when, how, who, why).	Students have identified and explained all or some of the resources; time, materials, tools, equipment, people; in detail (what, when).	Students have identified and explained some of the resources needed.	Students have identified all or some the resources needed.	Students have not identified the resources needed.
Identifying technologies that may assist in production	Students identify and describe (2 or more) in detail; what, how, why; the technologies they could use to assist in the production process.	Students identify and describe (2 or more) what technologies they could use to assist in the production process.	Students identify (2 or more) what technologies they could use to assist in the production process.	Students identify (1) technologies that may assist in production process.	Students have not identified any technologies that may assist in production

