



TWO RIVERS
HIGH SCHOOL

Two Rivers High School

Pioneers – Horticulture

Knowledge and Skills

	Autumn 2022-23		Spring 2022-23		Summer 2022-23	
Pre - Entry						
1. I experienced touching soil, water, seeds and at least two parts of a plant, e.g. roots, stems, leaves.						
2. I have experienced making simple requests using speech, symbols or signs to link "I want" to at least one activity, i.e. fill the bag, water the plant, pull up the plant.						
3. I have experienced weeding a bed containing flowers, shrubs or vegetables						
4. I experienced feeling at least three different textured leaves.						
5. I have experienced listening to and following at least two simple instructions, i.e. place the potato in the soil, cover the potatoes with more soil.						
6. I have experienced weeding a paved area of at least two square metres						
7. I experienced smelling at least three different scented plants.						
8. I have experienced recognising and selecting						



TWO RIVERS

HIGH SCHOOL

at least five words, signs or symbols linked to horticulture, e.g. potato, plant, grow, water.						
9. I have experienced clearing weeds from a path or driveway						
10. I experienced looking at two brightly coloured flowering plants.						
11. I have experienced planting seed potatoes in a grow bag.						
12. I have experienced removing weeds without damaging any nearby plants, with support						
13. I experienced cooperating with a staff partner during planting and watering activities.						
14. I have experienced watering the potatoes as they grow.						
15. I can find two different weeds on the allotment, with support.						
16. I have experienced harvesting the potato crop.						
Entry Level						
1. I have experienced preparing soil for planting.						
2. I have experienced weeding an area of a garden.						
3. I have experienced sowing at least one type of seed.						
4. I have experienced potting a plant.						
5. I have experienced watering plants correctly.						
6. I have identified at least three jobs a gardener is required to complete throughout each season.						
7. I have classified plants into at least four plant families, e.g. woody, herbaceous, perennials,						



TWO RIVERS

HIGH SCHOOL

shrubs, vegetables.						
8. I named and identified at least six garden tools and their functions						
9. I identified suitable clothing and footwear for gardening.						
10. I identified suitable clothing and footwear for gardening.						
11. I named appropriate safety procedures for using garden tools.						
12. I know the life cycle of a plant.						

Skills	Autumn 2023-24		Spring 2023-24		Summer 2023-24	
Level 1						
1. I have safely used at least three horticultural tools.						
2. I know at least two different growing media needed for seed sowing.						
3. I know the optimal conditions of germinating at least three types of seeds						
4. I know at least one pest and at least one disease that could affect seedling health.						



TWO RIVERS

HIGH SCHOOL

5. I can propagate given seedlings, including pricking out, potting on, hardening off and planting out						
6. I can name at least two optimal conditions for growing healthy plants						
7. I can name at least two methods of protecting seedlings from pests						
8. I can correctly water seedlings and plants in a polytunnel.						
9. I can correctly water seedlings and plants outside in a prepared bed.						
10. I can safely store tools when not in use.						
11. I know at least three rules of the allotment.						
12. I know eight garden tools and their purpose.						
13. I know at least three suitable items of clothing for gardening outside.						
14. I know at least three methods of removing weeds.						
15. I know six materials that can be used to make compost.						
16. I know seven different types of garden pest.						
17. I know five beneficial creatures in and around the allotment						
18. I know five common types of weed						
19. I know eight types of herb						
20. I can name at least six jobs that need to be completed on the allotment throughout the year						
21. I know how to use tools safely when on the allotment						
22. I know at least two different types of fertiliser they can use to help their plants grow						



TWO RIVERS

HIGH SCHOOL

23. I can research fruit and vegetables which grow well next to each other						
24. I know what is meant by 'companion planting'						
25. I know at least two types of weeds and how to remove weeds they may get on the allotment						
26. I can plan an allotment site involving at least 12 different types of fruit and vegetable						
27. I can include at least three examples of companion planting in the plan						
28. I can recognise 10 different types of fruit and vegetable whilst growing and when harvested.						
29. I know two things a plant needs to grow from a seed to a fully-grown plant						
30. I know what compost is used for						
31. I know what fertiliser is used for						
32. I know what pesticide is used for						
33. I know at least one benefit of a planting rotation scheme						
34. I can use garden tools safely						
35. I can prepare an area of soil for planting						
36. I can plant at least two types of seed or seedling						
37. I can water the seeds, seedlings and plants						
38. I can work on the allotment.						