

Analytic & Scientific Activity Sheet

If you like working out solutions to problems through theories and ideas, and by investigation and experimentation, then this may be a career direction to consider. Related occupations are often in the scientific and technical areas, but also some industries covering 'social' fields. Some of the main skills required by these industries are observing, researching, analysing and interpreting results. Australian Apprenticeships training in this area develops your thinking and planning capabilities, as well as the practical skills to carry out a plan.



Many occupations are in science but can include social fields.



Skills include computing, maths, logic and attention to detail.



You might learn how to carry out plans and projects.

- Activity:**
- > This activity will focus on using the Analytic and Scientific work type to find apprenticeships and traineeships.
 - > This activity will take around 15 to 20 minutes.
 - > You can repeat the steps to find information on other Work Types, or in different Industry Groups or Areas of Interest.

The Steps

1. Open the **Work Type Explorer** from the Australian Apprenticeships Pathways website at aapathways.com.au/explorer.
2. If prompted, select a **Persona** and **State**.
3. Select the **Analytic and Scientific** work type.
4. Select an **Industry Group** that interests you. Record the title of the industry group you have chosen:

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5. From the **Areas of Interest** listed, record up to four that match your interests:

6. Select an Area of Interest to see a **list of occupations** that are included in this area. Record up to five occupation titles that interest you:

7. Occupation titles are listed under the course level that you would do as part of that apprenticeship or traineeship. Click on an occupation title to view its sample **Job and Training Description**. This describes a typical apprenticeship or traineeship in that area.

At the top of the sample Job and Training Description page you will see the occupation title, the course level and course name. Below this you will find a summary of training that you could do as part of the apprenticeship or traineeship.

8. The **Job Pathways Chart** on this page shows other occupations related to the one you are currently looking at. You can click on these to see the sample Job and Training Descriptions and related career pathways.

Looking at the **Job Pathways**, record another occupation you could get through an apprenticeship or traineeship in this area:

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