FieldWise

EARTH AND SPACE SCIENCE

STUDENT & TEACHER USER GUIDE

How to use FieldWise Earth and Space Science

Rocks, weather, landforms and sky observations — investigate the Earth and beyond in the field.

For secondary students & their teachers

Earth & space science fieldwork.

Parrotrees Industries · Melbourne

iPad & iPhone · works offline

ORIENTATION

What the app does & how it fits your class

FieldWise Earth and Space Science supports fieldwork from the ground to the sky. Identify rocks and soils, record weather and hazards, and make astronomy observations — structured and offline, shared back to your class.

The app's main areas

Area	What it's for
Today	Your home — assignments and recent work.
Evidence	Collect your work as evidence.
Rocks & Minerals	Identify and record rocks and minerals.
Soils	Record soil observations.
Weather	Record weather and conditions.
Erosion & Hazards	Record erosion and natural hazards.
Astronomy	Record sky and astronomy observations.
Logbook	Your running record of observations.

Note. FieldWise is **privacy-first**: students are identified by first name and a class code only. You capture work on your device — it saves offline in the field — and it syncs to your class in **FieldWise Core** (your teacher's hub) when you're back online.

What's in this guide

- **For students** — getting started, the tools, recording your work, and building your evidence and report.
- **For teachers** — FieldWise Core: classes, class codes, assignments, review and reporting.
- **Reference** — a recommended workflow, troubleshooting and a glossary.

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Getting started

Joining your class

1. Open FieldWise Earth and Space Science on your iPad or iPhone.
2. Enter the **class code** your teacher gives you, and your **first name** — that's all the app needs.
3. Your teacher's **assignments** appear in the app, ready to work on.

> **Note.** Minimal data by design — no full names, no emails. Your teacher sets up the class in FieldWise Core (see the teacher section).

Working offline

You can use the app with no internet — record everything in the field, and it saves on your device. When you're back on wi-fi, your work syncs to your class automatically.

Finding your way around

The main areas sit on the tab bar:

Today · **Evidence** · **Rocks & Minerals** · **Soils** · **Weather** · **Erosion & Hazards** · **Astronomy** · **Logbook**

> **Tip.** Read the assignment first, then open the tool it asks for — the app is organised so each task has a place to record it.

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The Earth & space tools

The tools span the Earth-science and astronomy topics:

Tool / area	What you do with it
Rocks & minerals	Identify and record rock and mineral samples with photos.
Soils	Record soil type and characteristics.
Weather	Record weather and conditions on the day.
Erosion & hazards	Record landforms, erosion and natural hazards.
Astronomy	Record sky and astronomy observations.
Logbook	Keep a running record across sessions.

Tip. Use the logbook to keep a running record across sessions — it's ideal for weather and sky observations over time.

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Recording your work & building evidence

Capturing observations

Record each observation with photos and the details for its topic, and keep a running logbook across sessions.

- Add **photos** as evidence, with the details that matter for your subject.
- Your records are grouped so a piece of work reads as a clear, complete set.
- Everything is tied to your class assignment, so your teacher can see it in context.

Your Evidence & logbook

Your observations collect in your evidence and logbook for review and reporting.

Reporting & submitting

When you've finished, write up your findings and **submit** your work to your teacher through your class. You can also export a PDF of your report or field record to keep.

> **Tip.** Record as you go and add a photo at each step — it's far easier than trying to remember the detail back in class, and it makes your final report much stronger.

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A worked example — a field task start to finish

Here's how a typical Earth and Space Science task flows in the app, so you know what to expect:

Stage	What you do
Get the task	Open the app; your teacher's assignment is waiting on your home tab.
Prepare	Read what's being asked and open the tool it needs — for example **Rocks & minerals**.
Record on site	Capture your observations and measurements, adding a photo to each — even with no internet.
Check as you go	Make sure each part of the task has a record before you leave the site.
Write up	Turn your records into a short write-up or report in the app.
Submit	Send your finished work to your class; it uploads when you're back online.

Note. Nothing is lost if you're offline — the whole example above works with no signal, and your work syncs to your class the next time you're on wi-fi.

Tip. If a task has several parts, do them in order and tick each off — a complete set of records makes your write-up quick and your evidence strong.

CURRICULUM & SKILLS

What this app helps you learn

FieldWise Earth and Space Science is built for **Earth & space science fieldwork.** Curriculum-aligned fieldwork, and it develops the skills that matter in the subject:

- **Working in the field** — planning, observing, measuring and recording accurately on site.
- **Structured evidence** — collecting complete, comparable records rather than scattered notes.
- **Analysis & interpretation** — turning what you gathered into findings and an argument.
- **Communicating results** — writing up and presenting your work as a report or portfolio.

Assessment

Because your work builds into structured records and a evidence & logbook, it's ready for your teacher to assess — and you keep an exportable copy of what you produced.

> **Note.** Your teacher sets the specific tasks and how they map to your course through FieldWise Core; the app gives you the tools and the place to record.

> **Tip.** Treat every field record as part of your assessment evidence — the neater and more complete it is on the day, the stronger your final mark-worthy write-up.

FOR STUDENTS

Offline, privacy & your work

Working offline

Field sites often have no signal — that's expected. Everything you record saves on your device and **syncs to your class automatically** when you're next on wi-fi. You never have to be online to do fieldwork.

Your privacy

- You join with a **first name and class code** only — no full name, no email.
- Only your teacher's class sees your submitted work.
- The app collects the minimum it needs for the task, by design.

Keeping your work safe

- Sync when you get back to wi-fi so your work reaches your class and isn't only on one device.
- Export a PDF of a finished report or record if you want your own copy.

> **Note.** If you change or reset your device before syncing, unsynced work may be lost — get back online and sync after a field day.

FOR TEACHERS

FieldWise Core — your class hub

FieldWise Earth and Space Science connects to **FieldWise Core**, the teacher hub shared across the FieldWise Education apps. Core is where you set up classes and see your students' work come back.

Setting up

1. Create a **class** in FieldWise Core and share its **class code** with students.
2. Set **assignments** — the tasks that appear in each student's app.
3. As students work, their submissions sync back to the class for you to review.

Review & reporting

- Review student submissions and give feedback.
- Track progress across the class with dashboards and reporting.
- Students' work builds into portfolios you can assess and export.

Note. Privacy-first by design: students join with a first name and class code only, so you're not collecting more student data than a fieldwork task needs.

Tip. Set one small assignment first and have students join with the class code in class — once they've done the join-and-submit loop once, a real field day runs smoothly.

BEST PRACTICE

A recommended way to run a field task

A dependable order for students and teachers:

Step	What happens
1 · Teacher sets up	Create the class, share the code, set the assignment in FieldWise Core.
2 · Students join	Enter the class code and first name; the assignment appears.
3 · Plan / prepare	Read the task and get the right tool ready before heading out.
4 · Record in the field	Use the subject tools to capture observations and photos — offline is fine.
5 · Build evidence	Collect records into your evidence & logbook as you go.
6 · Write up	Turn observations into a report or write-up.
7 · Submit & sync	Send work to your class; it syncs when back online.
8 · Review	The teacher reviews, gives feedback and assesses.

Tip. The two habits that matter most: **record on site, not from memory**, and **add a photo to each observation** — together they make a student's report accurate and complete.

REFERENCE

Troubleshooting & glossary

Quick troubleshooting

If…	Then…
You can't join a class	Check the class code with your teacher, and that you've typed it exactly.
Your work isn't showing for the teacher	It syncs when you're back online — reconnect to wi-fi and it will upload.
The app has no internet in the field	That's fine — keep recording; everything saves on the device and syncs later.
You can't find an assignment	Assignments come from your teacher in FieldWise Core; ask them to set or re-share it.

Glossary

Term	Meaning
Class code	The code your teacher shares so you can join the class.
FieldWise Core	The teacher hub for classes, assignments, review and reporting.
Evidence & logbook	Your collected observations and running logbook across the subject.
Field record	A structured record of what you observed and measured on site.
Submit	Send your finished work to your class for your teacher to review.

Fieldwork that works in the field

FieldWise Earth and Space Science is part of the FieldWise Education suite — one platform, every subject. Works offline, privacy-first, and connected to your class through FieldWise Core. fieldwiseeducation.com.au