**An Introduction to TPAT Advantage - June 2023**

# Contents

**TPAT DIGITAL TRANSFORMATION RAG ROADMAP**

| DIGITAL READINESS | TEACHING & LEARNING | TRAINING & CPD | DIGITAL CITIZENSHIP & SAFETY | DIGITAL COMMUNITY |
|---|---|---|---|---|
| All TPAT schools are in a strong position to adopt and develop the latest digital technologies, and are well supported by IT Services | Digital Technologies are accessed and utilised by all TPAT pupils and staff to enable and enhance teaching and learning where appropriate. | Staff across the TPAT are confident in the using and adapting digital technologies to improve their effectiveness & efficiency at work. | Staff and pupils across TPAT are able to recognise and manage the inherent challenges of interacting with the digital world. | TPAT utilises digital technologies to enhance our educational community, resulting in better communication & outcomes across the Trust. |
| Pupils and staff across all TPAT schools are benefitting from the **implementation** of the **Device Strategy** | **Pupils** of all ages and abilities across TPAT are able to use Digital Tech. appropriately and effectively to enhance learning | Programme of training for **Pupils** as Digital Ambassadors in their schools. Focus on Digital Citizenship & Safety | Training and an audit to ensure that schools understand their responsibilities with regard to **Data Protection**. | To ensure that the **MIS** used in use by TPAT schools offers the functionality, reliability and value for money required |
| A Trust **Device Strategy** is **established** with supported by due diligence and a Pilot Project of Trailblazer schools. | Digital Technologies are being used effectively to enhance T&L across all areas of the **Primary Curriculum** in TPAT | Programme of training for Teachers in **specific devices** to maximise T&L benefits. Working toward **RTC** status | Ensuring that schools and the Trust are as prepared for and protected against a **Cyber Security** threat as possible | That an **Intranet** is developed for use across al TPAT devices offering a communication device and a community hub. |
| All Trust Schools benefit from the security/cost effectiveness of a **Central Server** or **Cloud** based back-up. | Digital Technologies are being used effectively to enhance T&L across all areas of the TPAT **Secondary Curriculum** | A **Digital Citizenship/Online Safety** training programme for staff in schools ensure a TPAT wide compliant strategy | Training and support for schools re. **digital wellbeing** of staff & pupils around impact and threats of social media | The **TPAT ConnectED** offers a sharing platform/collaboration tool teaching and learning/ curriculum materials and ideas |
| All TPAT Schools have a **Digital Infrastructure** which is fit for purpose and able to support future needs | Pupils and Teachers benefit from **collaboration** within and beyond TPAT on the use of Digital Tech. to enhance T&L | A network of staff **Digital Leaders** is identified and formed across TPAT, they receive needs led training | Providing a support package for **parents** across TPAT in managing online safety and protecting children at home | The **TPAT ConnectED** offers a bespoke portal and comms. device for **Trustees, Governor Services & Central Team** etc. |
| A clear picture of the **Digital Infrastructure** of each school across the trust and an improvement plan in place | **Teachers and support staff** are using digital technologies to plan, deliver and assess the curriculum in and across TPAT | A regular and relevant programme of training is in place for **IT Support Team** Technicians | A TPAT adopted **Digital Citizenship Programme** for pupils based upon the UKSIC approved standards | TPAT Schools are able to improve communication to and from parents by use of a dedicated school **App**. |
| An efficient and effective **IT Support Service** meeting the needs of TPAT schools | The **Computing Curriculum** is delivered in a consistently high quality and effective manner across TPAT | TPAT Staff and pupils benefit from CPD focused upon the **Computing Curriculum** from EYFS to KS4 | Develop a TPAT wide training programme and **licensed standards scheme** for Pupils focused in online safety | **School Websites** across the trust are compliant and provide a high quality/good value window for visitors |

| Limited Progress | Some Progress | Good Progress | Completed |
|---|---|---|---|

**Where does Advantage fit in?**

We have made really good progress against many of the 30 goals set out the Digital Transformation Roadmap written in July 2021. The area with the least progress made is that of Teaching and Learning, arguably the most important area for the Trust. In many ways progress with the Teaching and Learning strand of the map relied upon having other elements developed and embedded as a prerequisite. The Advantage Project is a response to the challenges of the Teaching and Learning strand agenda it doesn't feature in the original plan by name as it didn't exist when the plan was conceived.

**Truro and Penwith**
Academy Trust

**Advantage Project**
**Device Deployment And Training**

ADVANTAGE

## Devices to Y5/6 Teachers

### ADVANTAGE TEACHERS EVENT - (Part 1)

All teachers who are in Y5 or Y6 in 2023/23 must attend one of these events, where possible in their own geographical Hub please.

**FOCUS ON**
Project Recap, Box Opening
Out of Box Training from APLS
Basics,. to Apple Classroom, Email Set up, Introduce and Apple Teacher (Homework) Establish Intranet Advantage GroTech Support on Hand & Sync Support

**EVENT DETAILS**

**MID HUB**
Chacewater Primary - June 14 at 4pm

**EAST HUB**
Roche Primary - June 19 at 4pm

**WEST HUB**
Alverton Primary - June 21 at 4pm

## Showbie Training

### ADVANTAGE TEACHER EVENT - SHOWBIE (Part 2)

All teachers who are in Y5 or Y6 in 2023/23 must attend one of these events, where possible in their own geographical Hub please.

### ABDUL CHOHAN

Abdul is an internationally renowned speaker and educationalist, as well as. Being VP of Showbie Education in the UK. He will lead a full day of training introducing the core suite of workflow apps for the Advantage project, these are Showbie, Socrative and Explain Everything. Abdul will focus on how these apps can help to transform with direct instruction, assessment and feedback for staff and students.

### EVENT DETAILS

**WEST** - Alverton Primary - June 28 - 9.30am to 3pm

**Headteachers** at Chacewater Village Hall - 29th June

**MID** -Threemilestone - June 30th 9.30am to 3pm

**Secondary**- tbc - July 3rd 9.30am to 12.30pm

**EAST** - Roche Primary - July 4th 9.30am-3pm

**TPAT INSETConference** - 31st October

## Project Training Dates 2023/24

### ADVANTAGE PROJECT LEADS

For project teachers to share challenges/successes as well as receive additional training and help.

**20th Sept. 3.45pm - Online**
Check-in - Showbie abvailable for support & Q&A Session. IT Support also available.

**11th Oct 1.30pm - Truro - venue tbc**
Face to face training from Apple APLS, plus, sharing practice & Apple Teacher time.

**22nd Nov 3.45pm - Online**
Showbie led session focus on Direct Instruction/Assessment /Feedback

**17th Jan 1.30pm - Truro - venue tbc**
Face to face training from Apple APLS, plus, sharing practice and Apple Teacher time

**13th Mar 3.45pm - Online**
Showbie led session focus on Direct Instruction/Assessment /Feedback

**15th May 3.45pm - Online**
Showbie led session focus on Direct Instruction/Assessment /Feedback

**3rd July 1.30pm - Truro - venue tbc**
Face to face training from Apple APLS - end of project review.

**Advantage Project Devices & Training**

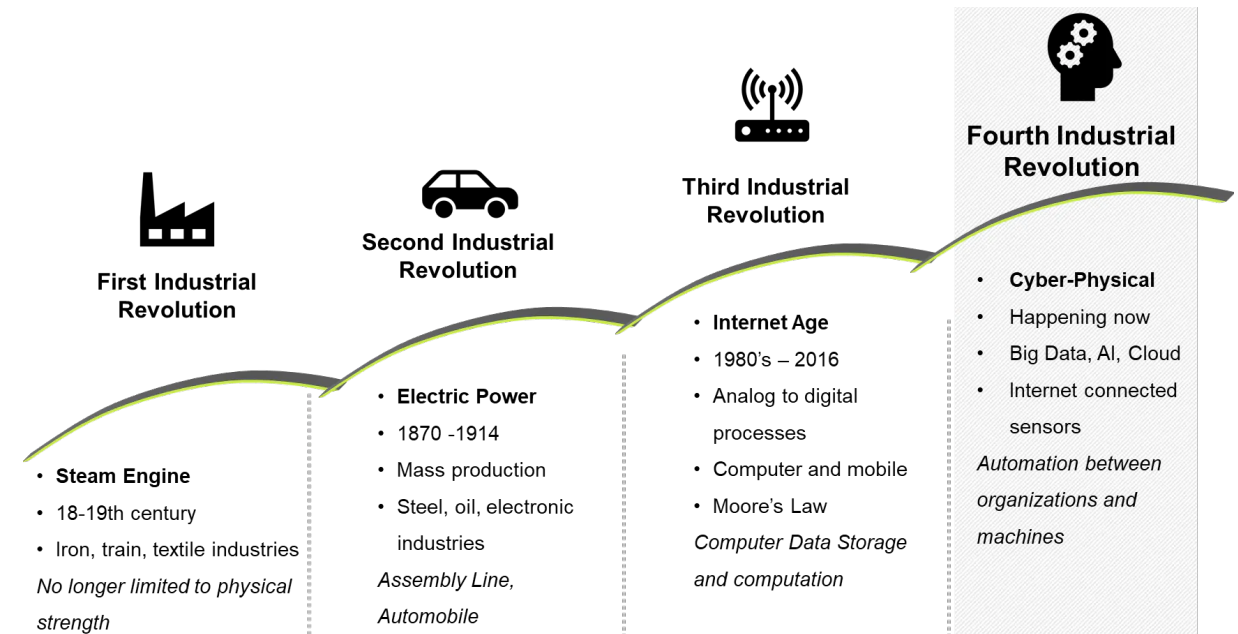| | Area | Device Launch to Pupils | Device Lunch to staff | Abdul/Showbie Training | Y5 & Y6 Teacher | Y5 & Y6 Teacher | Y5 & Y6 Teacher | Y5 & Y6 Teacher | Y5 & Y6 Teacher | Y5 & Y6 Teacher |
|---|---|---|---|---|---|---|---|---|---|---|
| Berrycoombe | E | Thursday September 7th am | 19th June 4pm - Roche | 4th July - 9.30-3pm - Roche | | | | | | |
| Cardinham | E | Thursday. Sept 7th am | 19th June 4pm - Roche | 4th July - 9.30-3pm - Roche | | | | | | |
| Lanivet | E | Thursday Sept 7th pm | 19th June 4pm - Roche | 4th July - 9.30-3pm - Roche | | | | | | |
| Liskeard HF | E | Weds. September 6th am | 19th June 4pm - Roche | 4th July - 9.30-3pm - Roche | | | | | | |
| Roche | E | Friday September 8th am | 19th June 4pm - Roche | 4th July - 9.30-3pm - Roche | | | | | | |
| Nanpean | E | Friday September 8th am | 19th June 4pm - Roche | 4th July - 9.30-3pm - Roche | | | | | | |
| St Dennis | E | Friday September 8th pm | 19th June 4pm - Roche | 4th July - 9.30-3pm - Roche | | | | | | |
| Tywardreath | E | Weds. September 6th pm | 19th June 4pm - Roche (Camp) | 4th July - 9.30-3pm - Roche | | | | | | |
| Blackwater | M | Monday September 11th pm | 14th June 4pm - Chacewater | 30th June - 9.30-3pm - TMS | | | | | | |
| Chacewater | M | Tuesday September 12th am | 14th June 4pm - Chacewater | 30th June - 9.30-3pm - TMS | | | | | | |
| Kehelland | M | Weds September 13th am | 14th June 4pm - Chacewater | 30th June - 9.30-3pm - TMS | | | | | | |
| Kennall Vale | M | Tuesday September 12th am | 14th June 4pm - Chacewater | 30th June - 9.30-3pm - TMS | | | | | | |
| Landewednack | M | Thursday Sept 14th am | 14th June 4pm - Chacewater | 30th June - 9.30-3pm - TMS | | | | | | |
| Mithian | M | Monday September 11th am | 14th June 4pm - Chacewater | 30th June - 9.30-3pm - TMS | | | | | | |
| Mullion Primary | M | Thursday September 14th am | 14th June 4pm - Chacewater | 30th June - 9.30-3pm - TMS | | | | | | |
| Perranporth | M | Monday September 11th am | 14th June 4pm - Chacewater | 30th June - 9.30-3pm - TMS | | | | | | |
| Threemilestone | M | Tuesday September 12th pm | 14th June 4pm - Chacewater | 30th June - 9.30-3pm - TMS | | | | | | |
| Alverton | W | n/a | 21st June 4pm - Alverton | 28th June - 9.30-3pm - Alverton | | | | | | |
| Bodriggy | W | Weds. September 13th pm | 21st June 4pm - Alverton | 28th June - 9.30-3pm - Alverton | | | | | | |
| Gulval | W | Friday September 15th am | 21st June 4pm - Alverton | 28th June - 9.30-3pm - Alverton | | | | | | |
| Gulval | W | Friday September 15th am | 21st June 4pm - Alverton | 30th June - 9.30-3pm - TMS | | | | | | |
| Mousehole | W | Friday September 15th pm | 21st June 4pm - Alverton | 28th June - 9.30-3pm - Alverton | | | | | | |
| Nancledra | W | Friday September 15th am | 21st June 4pm - Alverton | 4th July - 9.30-3pm - Roche | | | | | | |
| Newlyn | W | Monday September 18th am | 21st June 4pm - Alverton | 4th July - 9.30-3pm - Roche | | | | | | |
| Pendeen | W | Monday September 18th am | 21st June 4pm - Alverton | 28th June - 9.30-3pm - Alverton | | TBC | TBC | TBC | | |
| Pensans | W | Monday September 18th am | 21st June 4pm - Alverton | 28th June - 9.30-3pm - Alverton | | | | | | |
| Sennen | W | Tuesday September 19th am | 21st June 4pm - Alverton | 4th July - 9.30-3pm - Roche | | | | | | |
| St Erth | W | Weds. September 13th am | 21st June 4pm - Alverton | 28th June - 9.30-3pm - Alverton | | | | | | |
| St Just | W | Tuesday September 19th am | 21st June 4pm - Alverton | 28th June - 9.30-3pm - Alverton | | | | | | |
| Cape Cornwall | Sec | | n/a | | | | | | | |
| Hayle | Sec | | n/a | | | | | | | |
| Helston | Sec | | n/a | | | | | | | |
| Mullion Secondary | Sec | | n/a | | | | | | | |
| St Ives | Sec | | n/a | | | | | | | |

The Digital Revolution (sometimes referred to as the 4th Industrial Revolution) has changed the way that we live, communicate and work forever.

The Advantage Project is based on a belief that educational provision in the 21st Century must recognise, utilise and prepare our young people for the digital present and an unpredictable digital future.

The Covid pandemic and the need to provide remote teaching and learning for pupils highlighted significant disparities and shortcomings in the educational sector's ability to work digitally.

The way that schools work must take take advantage of the benefits that the digital world offers in terms of teaching and learning, and has to reflect the world that children inhabit beyond the school gates.

**First Industrial Revolution**
- Steam Engine
- 18-19th century
- Iron, train, textile industries

*No longer limited to physical strength*

**Second Industrial Revolution**
- Electric Power
- 1870 -1914
- Mass production
- Steel, oil, electronic industries

*Assembly Line, Automobile*

**Third Industrial Revolution**
- Internet Age
- 1980's – 2016
- Analog to digital processes
- Computer and mobile
- Moore's Law

*Computer Data Storage and computation*

**Fourth Industrial Revolution**
- Cyber-Physical
- Happening now
- Big Data, AI, Cloud
- Internet connected sensors

*Automation between organizations and machines*

ChatGPT

# 5 | Why do our children need an Advantage?

Alongside the global drivers for schools to adopt digital technologies, there are local factors which make this transition important to our Trust.

Our young people are fortunate to live and learn in one of the most beautiful counties in the UK. However, the socio-economic reality for many of our families is one characterised by significant economic hardship and disadvantage. We have recognised that across our Trust there are communities where low levels of aspiration, poor employment opportunities, comparatively low levels of investment and educational funding as well as geographical and cultural remoteness all impact upon the life choices our young people are able to make.

The concept of Digital Poverty is increasingly recognised as both a consequence of, and a contributing factor to, the broader social and economic disadvantages which impact upon our communities.

The Advantage project is therefore not about providing technology as a luxury but as part of the levelling up strategy.

**% of TPAT Pupils on roll in 2023 living in the most deprived areas in the England (IMD 2023)**
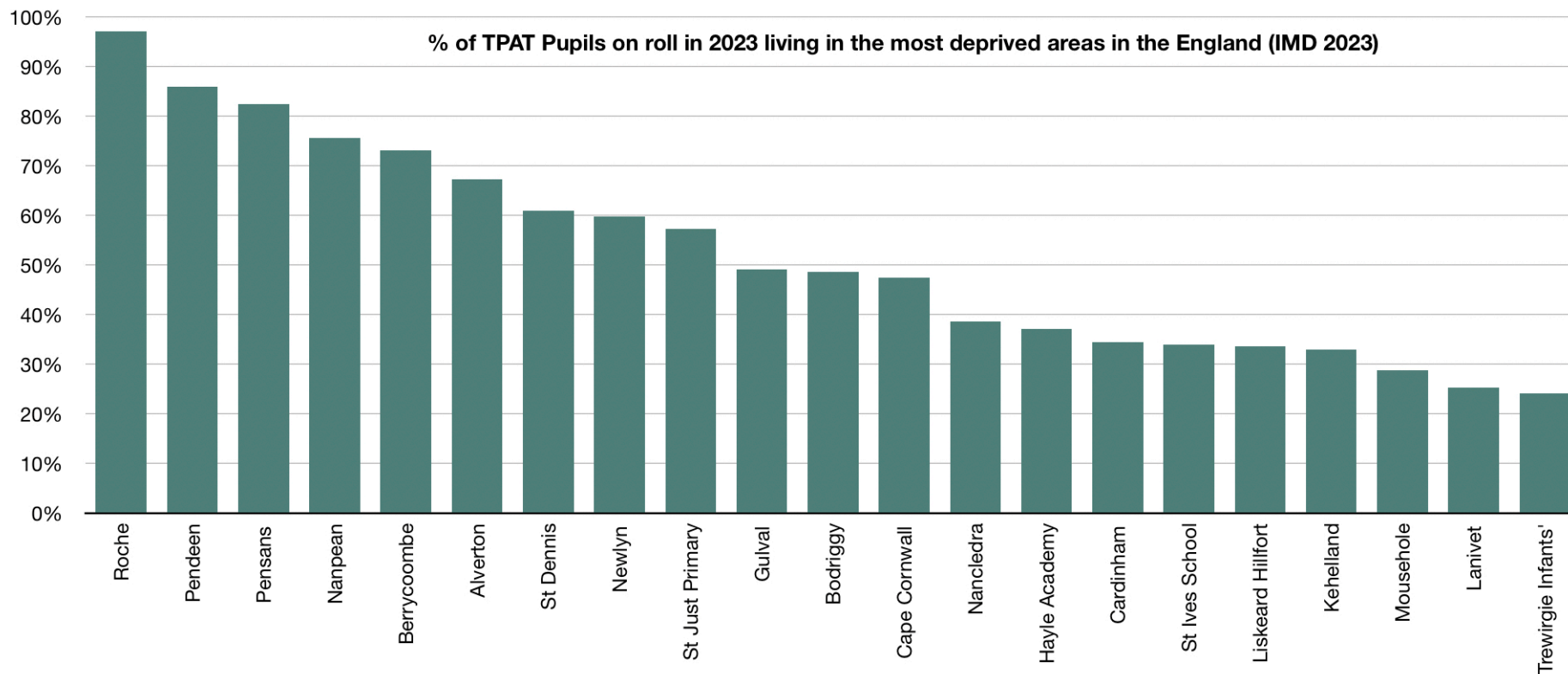


## Digital Poverty: Snapshot

1 in 5 children who had been home schooling in 2021 did not have access to an appropriate device. *Ofcom 2021*

2.5m people are behind on their broadband bills. Young people are 3x more likely to be behind, those on universal credit are 9x more likely. *Citizens Advice, 2021*

11m people in the UK lack the digital skills needed for everyday life. *Lloyds Bank, 2021*

1/5 of people who had not gone online in the last three months said that "I want to but I don't know where to get help." *Lloyds Bank, 2021*

The Advantage Project is intended to provide each TPAT pupil and teacher from Year 5 onwards with:
- an iPad
- Showbie Pro
- A bespoke core suite of apps
- Apple TV/screen connectivity in their classroom
- JAMF mobile device management
- Training for all teaching staff

The intention is that pupils will benefit from the device both at home and school to support and enhance their learning.

Advantage is a key part of our digital transformation and innovation strategy. It aims to place the latest digital technologies and applications into the hands of pupils and staff across our Trust in order to:
- improve outcomes and maximise opportunities for all
- promote innovation and collaboration in teaching and learning across our schools and between our staff
- counteract inequality and disadvantage in terms of educational, cultural and social-economic barriers for our young people
- enhance effectiveness and efficiency in terms of staff workload and well being
- maximise the financial, organisational and educational potential of collaboration across our Trust in order to achieve common goals

**It is not an iPad project.**
Whilst iPad devices are an important tool within the Advantage Project, they are simply a device to enable the our broader pedagogical aims.
This is a teaching and learning project.

**It is not a curriculum.**
The aim is to support our schools in their delivery of the broad and balanced curriculum they have developed which is tailored to meet the needs of their pupils.
The Advantage Project is principally focused upon transforming teaching and learning, initially via the enhanced use of digital technologies in the areas of direct instruction, assessment, feedback.

**It is not about abandoning work in books.**
Whilst some work can be completed on the iPad it will remain important that children continue to write in books to develop the skills associated with written work, including the development of handwriting and fine motor skills. Teachers will continue to ensure that tasks are completed in the most suitable media for the outcome intended.

# 7 | What is Advantage trying to achieve?

## EDUCATIONAL ADVANTAGE

Transformational approaches to direct instruction/assessment/feedback

Common pedagogical training, language and strategy will be possible across the Trust

iPad offers a wide range of accessibility features (SEND)

Adaptable to any curriculum/phase

## STRATEGIC ADVANTAGE

Provides a link between bespoke curriculum and a Trust T&L strategy

Trust wide training possible on core T&L strategy from HQ providers

Teacher recruitment, retention and workload

Enables HTs to focus on T&L not IT strategy

Allows for a single IT infrastructure and strategic support model



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Academy Trust

ADVANTAGE

## FINANCIAL ADVANTAGE

Economies of scale possible with procurement of hardware and applications

Offers a long term sustainable strategic IT procurement strategy

Central procurement frameworks ensure compliance with SFA regulations

Beneficial partnerships with national and international organisations

## MORAL ADVANTAGE

Digital Equity across all schools in the Trust

The most up to date technology and applications available to all pupils regardless of background, challenging the causes and effects of social-economic & Digital Poverty

Inclusive access for students who have barriers to learning (SEND) via accessibility tools

**Truro and Penwith**
**Academy Trust**

**The Core and
Common Principles
of Pupil Experience
In TPAT Schools**

**THE WHY?**
***TPAT CONTEXT***

Disadvantage and Inequality
Cultural Richness and Limitations
Geographical Uniqueness and Challenge
Local and Global Citizenship and Identity
21st Century Challenges and Opportunities

Cultural Capital
Locality
Identity

Know More, Do
More, Remember
More

Equity &
Opportunity

**THE WHAT?**
***CURRICULUM***

Sequenced & Coherent
Broad and Balanced
Tailored but Consistent
inc. Digital Fluency &
Citizenship

**TPAT
ADVANTAGE**
iPad
Showbie
Explain Everything
Socrative
Jamf

**THE HOW?**
***TEACHING & LEARNING***

High Quality and Effective
Instruction, Assessment
and Feedback
Strong Subject Knowledge
Coherent Pedagogy
Inclusive & Adaptive
High Expectations

In this typical Advantage classroom set up, the teacher is able to control the environment from their iPad. This means that whatever the teacher has on their iPad's screen will appear on the main classroom display. This gives the teacher, the power to write, annotate, show pictures or videos and to project whatever is on a pupils screen should they choose to do so. The Apple classroom app also allows the teacher to see what any student in the class is doing on the device, and if they choose to, they can disable all devices at the touch of a button. This is a useful facility should the teacher want to ensure that all students are paying attention to what they are saying rather than continuing to look at their own device.

Reliable Internet connection and bespoke TPAT wide filtering

JAMF is a tool that controls iPad apps and the iPad itself centrally, ensuring that all staff and students have the correct resources on their device.

JAMF

Each class will need reliable wifi capable of supporting a large number of mobile devices.

Apple TV

LCD Screen

Teacher iPad

SHOWBIE, SOCRATIVE & EXPLAIN EVERYTHING

APPLE CLASSROOM

CORE SUITE OF APPS

Student iPad

Student iPad

Student iPad

Student iPad

Student iPad

Student iPad

Student iPad

Student iPad

| 10 | **What are the core suite of apps for the TPAT iPads** |
|---|---|

### A TPAT App Store

There are obviously thousands of apps available from the App Store and it is tempting to dive into downloading a whole raft of these. We are deliberately limiting the Apps which form the Core Suite so that we can train staff in their use in a fairly strategic way. The plan is to develop our own TPAT App Store over time which will be grouped by subject. That's not to say that teachers and school staff can't explore and experiment with what's available, simply that we will quality assure what's available as approved apps which are deployed to schools via Jamf.

## Core Utilities

**SETTINGS**
This is where you can control and change the way the device looks and functions
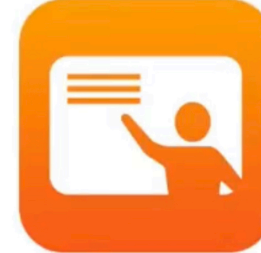
**APPLE CLASSROOM**
See previous section

**SAFARI**
The built in web browser for iPad

**CAMERA**
The clue's in the name!

**PHOTOS**
Where photos are stored, contains a powerful built in editing tool.

## Core Workflow Apps

**SHOWBIE**
An app that combines all of the essential tools for assignments, feedback, and communication.

**SOCRATIVE**
Used to create and administer tests, quizzes, or other types of formative assessment.

**EXPLAIN EVERYTHING**
Create lessons, record instructions and give interactive presentations.

*These are paid apps for teachers but free for students. Purchased collectively they form th a Showbie Pro Suite*

## Core Productivity Apps

**PAGES**
Think Word for iPad! But also works as a versatile desk top publishing app.

**KEYNOTE**
The iPad version of Pawerpoint, again very versatile.

**NUMBERS**
This is a spreadsheet app like Excel but arguably easier to use.

**NOTES**
A really valuable application which can be used for a wide range of tasks.

**Freeform**
A creative whiteboard tool which has an infinite area to work in

*All of these apps are free and are included within the iPad as standard, Freeform is relatively new so may still need to be downloaded from the App Store at no cost.*

Showbie is an educational technology platform that aims to enhance teaching and learning experiences. It provides a digital learning environment that allows teachers and students to easily collaborate, communicate, and manage assignments and feedback.

Here are some key features and benefits of Showbie for teaching and learning:

**Assignment Management**: Showbie simplifies the process of creating, distributing, and collecting assignments. Teachers can create digital assignments with instructions, attachments, due dates, and grading criteria. Students receive the assignments and can submit their work directly through the platform. This streamlines the assignment workflow and eliminates the need for paper-based submissions.

**Document Sharing and Annotation**: Showbie enables teachers and students to share documents, worksheets, presentations and other files. Users can annotate and mark up documents directly within the platform, making it easy to provide feedback and corrections. This feature promotes collaborative learning and helps improve document organization and version control.

**Communication and Collaboration**: Showbie offers communication tools that facilitate interactions between teachers and students. Teachers can send announcements, reminders, and individual or group messages. Students can ask questions, seek clarification and engage in discussions. This enhances student engagement, encourages active participation, and fosters a supportive learning community.

**Grading and Feedback**: Showbie provides a comprehensive grading system that allows teachers to assess student work efficiently. Teachers can provide personalized feedback, comments, and annotations on assignments. They can also assign grades, track progress and generate reports. This feature streamlines the grading process, promotes timely feedback and enables teachers to monitor individual and class performance.

**Organization and File Management**: Showbie helps teachers and students stay organized by providing a central hub for all course-related materials. Users can create folders, categorise documents and access them from any device with an internet connection. This feature simplifies file management, ensures easy access to resources, and reduces the risk of misplaced or lost documents.

**Mobile Accessibility**: Showbie offers mobile apps for iOS and Android devices, allowing users to access their course materials, assignments, and communication on the go. This flexibility enables students to work at their convenience and supports remote learning or blended learning environments.


you can also see what the teacher's comments have been,


Learning Showbie
**Essential Workflow**
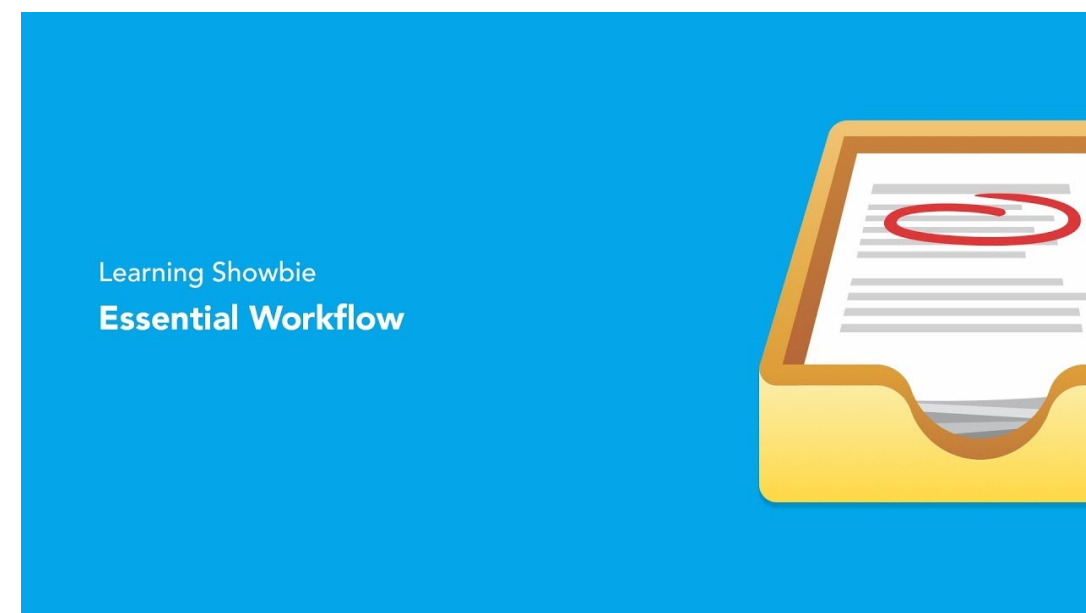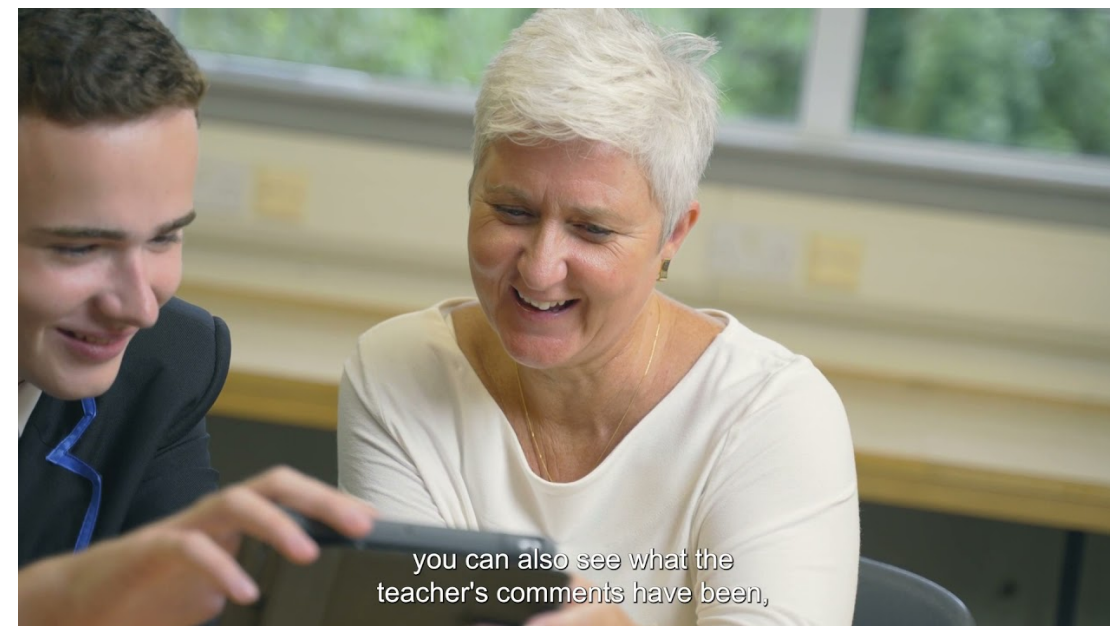
# 12 Using Showbie as a workflow tool

The teacher produces any materials that they want the pupil to have for the lesson.

**Teacher generated materials for the pupil**

**A scanned image**
**Word or Pages doc**
**A video**
**Powerpoint or Keynote**
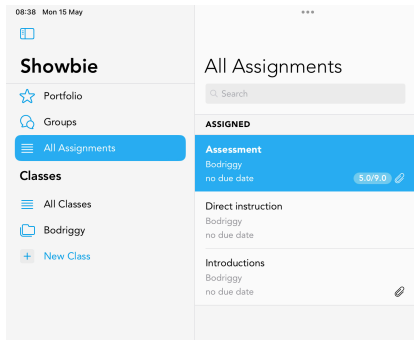**Photographs**
**Almost any source/media**

This is then uploaded to the relevant Showbie classroom where it can be accessed by the pupil
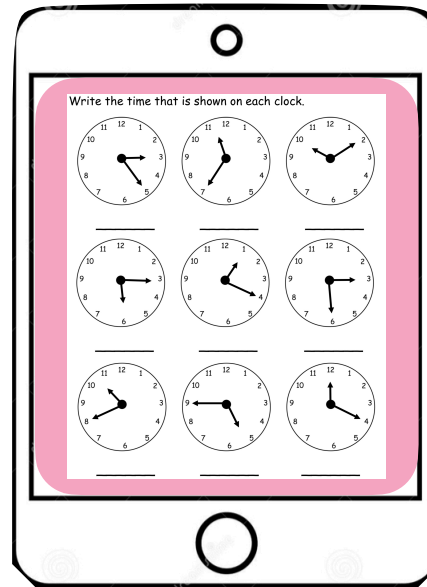


If required the teacher could add voice notes or video to support the class or to help individual pupils.
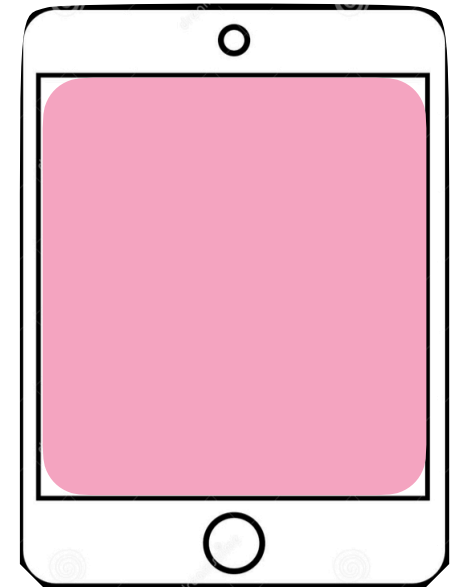
The pupil completes the task on the tablet and saves the completed work to their individual Showbie folder

The teacher can then access all of the saved work and provide feedback as required. This could again be written, voice or video.

**Word**
**Excel**
**Pages**
**PowerPoint**
**etc..**

Alternatively, the work could be completed in Word, Excel, PowerPoint. Pages, etc and saved to Showbie. Work can also be completed in exercise books or on whiteboards then scanned on the iPad and uploaded to Showbie

The feedback can then be accessed by the pupil at the start of the next lesson. This work stays in the pupil's Showbie account and can be viewed at anytime as an individual piece of work or as part of a learning journey for that child.

This mean that pupils can still write into books and the development of handwriting is unaffected by the application of Showbie as a digital teaching and learning tool.
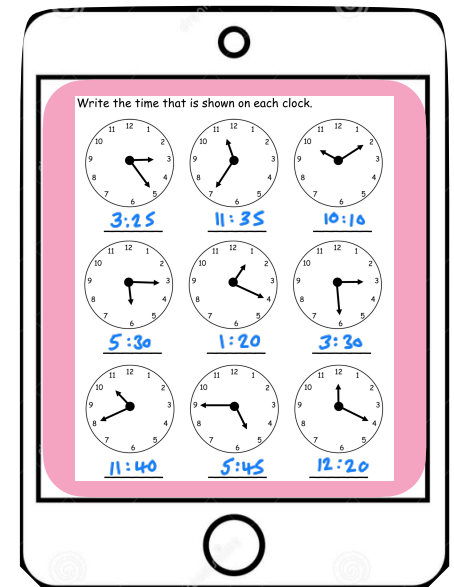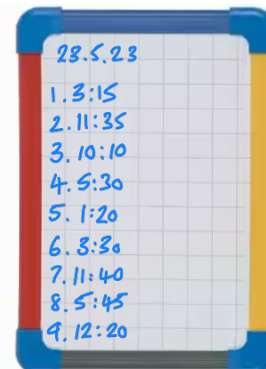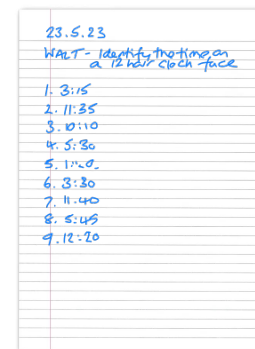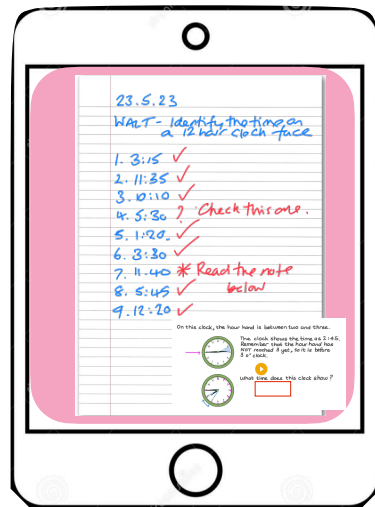
# 13 | What is Socrative?

Socrative is an online tool designed to enhance teaching and learning through interactive quizzes, assessment, and educational activities. It allows educators to create and administer various types of questions, such as multiple-choice, true/false and short answer to engage students and gather real-time feedback.

Overall, Socrative helps teachers gather real-time data, engage students actively and create an interactive and dynamic learning environment. By leveraging its features, educators can adapt their teaching strategies, provide timely feedback and enhance the learning experience for students

The video below will give a brief overview of how Socrative can be used by teachers and students.

Here's how Socrative can be used as a teaching and learning tool:

1. **Formative Assessment**: Educators can create quizzes or assessments to gauge students' understanding of a particular topic. Socrative provides immediate feedback, allowing teachers to identify areas where students may be struggling and adjust their instruction accordingly.

2. **Classroom Polling**: Socrative enables teachers to conduct live polls and gather opinions from students on specific questions or topics. This feature promotes active participation, encourages critical thinking, and facilitates class discussions.

3. **Collaborative Learning**: Socrative offers options for collaborative activities. For instance, teachers can set up space races or team quizzes, where students work together to solve problems. This fosters teamwork, communication, and peer learning.

4. **Homework and Practice**: Educators can assign quizzes or activities as homework assignments or for additional practice. Socrative provides instant scoring and detailed reports, allowing students to track their progress and identify areas for improvement.

5. **Engaging and Interactive Lessons**: Socrative can be integrated into presentations, lectures, or interactive lessons to create an engaging learning environment. Teachers can embed questions within their presentations to check comprehension or provoke discussion.

6. **Individualized Instruction**: Socrative's reports and analytics provide teachers with valuable insights into each student's performance and understanding. This data can help identify students who may require additional support or advanced challenges, allowing for more personalized instruction.

7. **Pre-assessment and Post-assessment**: Socrative can be used to administer pre-assessments to evaluate students' prior knowledge before starting a new unit. Likewise, it can serve as a tool for post-assessment to measure learning outcomes and identify areas that need reinforcement.
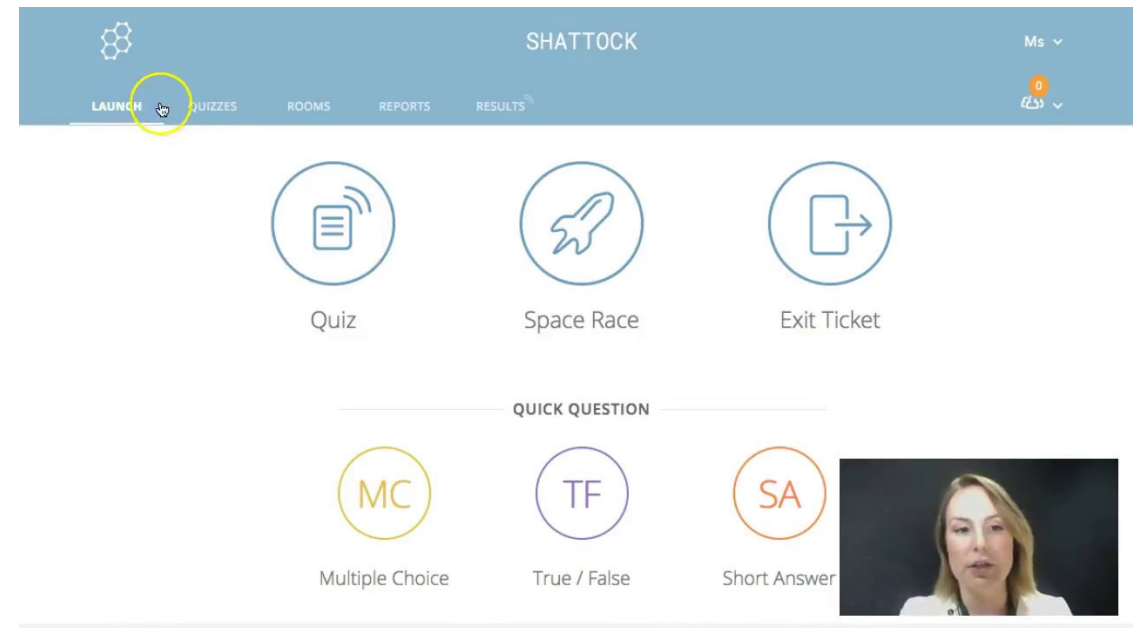


### A TPAT Library of Socrative Quzzes

One of the really exciting elements of using Socrative across our Trust is the potential to develop a shared library of editable quizzes which can be accessed via the Showbie platform or the TPAT intranet. This has the potential for trust-wide collaboration and significant time saving and workload reduction
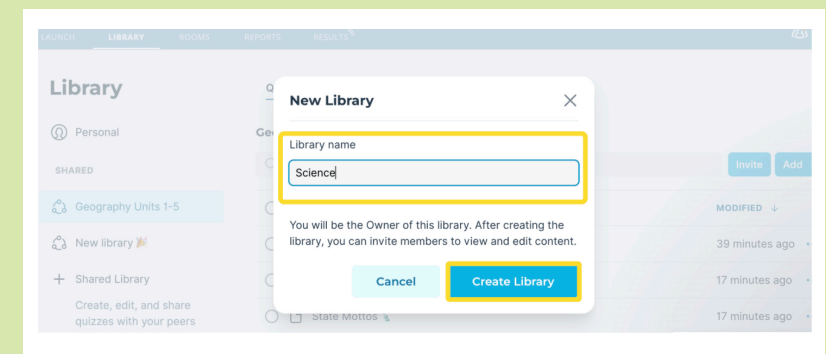
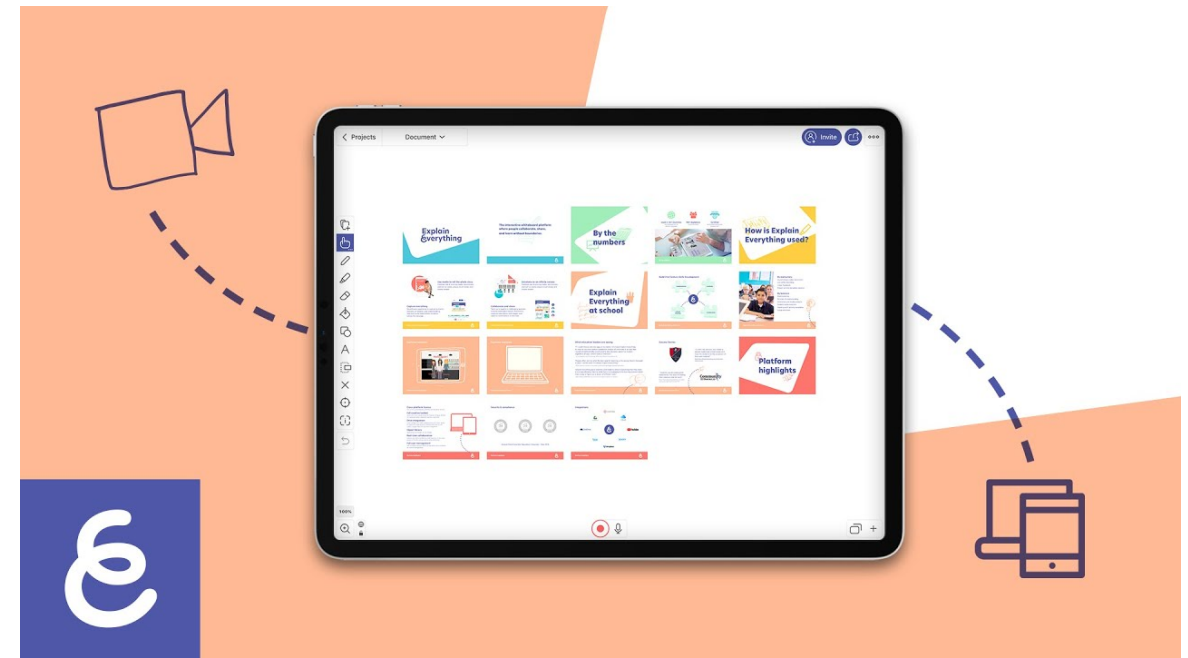## 15 | What is Explain Everything?

Explain Everything is a digital whiteboard that is based online so it can be accessed from anywhere. It works as a presentation tool with visuals and audio editable by the user

The app itself works as a presentation tool, essentially. Think PowerPoint only with a lot more powerful features aimed specifically at teachers working with a class.

Explain Everything lets teachers, or students, create presentations that pull in rich sources of media, from images and audio to videos and websites. Thanks to compatibility with services such as Dropbox, Google Drive and iTunes - to name a few - there are many ways to pull in media from devices.

Crucially, this system is created for students also, with collaboration features making it a great way to integrate digital skills learning with subject-specific presentations.

Explain Everything is really easy to use, which is a big draw since it requires minimal training for teachers. Even younger students can use this tool without much difficulty.

*This video gives an overview of Explain Everything platform*

*A video showing how Explain Everything can be used by teachers. Warning, the presentation style may not suit everyone's tastes* 🤔

## 16 | What is Apple Classroom?

Apple Classroom is a powerful app for iPad that helps you guide learning,
share work, and manage student devices.
You can launch a specific app, website or textbook page on any iPad in the class, share documents between teacher and students or share student work on a TV, monitor or projector using Apple TV.

You can even see which apps students are working in, mute student devices, assign a specific shared iPad for each student and reset a student's password. And when class ends, you can see a summary of your students' activities.

The video below gives an overview of the main Apple Classroom features
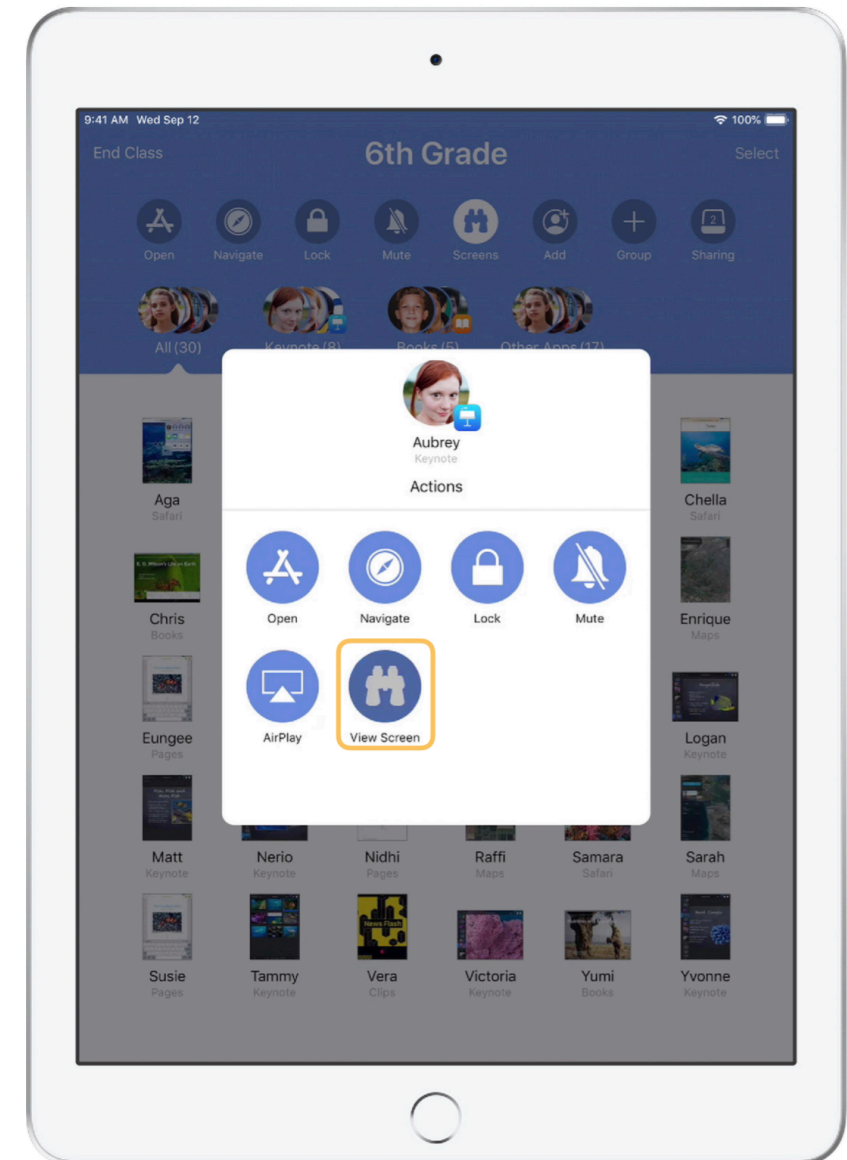




*Apple Classroom gives the teacher full control over pupil iPads during lessons.*

| 17 | **What is Jamf?** |
|---|---|

In essence, Jamf is a mobile device management (MDM) solution for Apple devices like Macs, iPads, iPhones, and AppleTVs. We use it to pre-configure and set up new devices, and to ensure that all devices have the most up to date versions of the apps that students need on each iPad.

Besides this, Jamf can be ideal if you want to re-purpose, reset, and recover computers and mobile devices. This is the primary purpose of Jamf, and it's been doing this since it was created in 2002.

Jamf is mainly used by TPAT IT Support to manage all of the Trusts iPads remotely.

Most teachers will not need to use Jamf as it is really a technical tool. However, if anyone wants to know more about Jamf and find that the detailed technical diagram opposite doesn't satisfy your curiosity, then Jamie and his team will be happy to talk to you about the finer details of this excellent software 😳.

**Complicated Internet things!**

&

Jamie & the Team

It works!
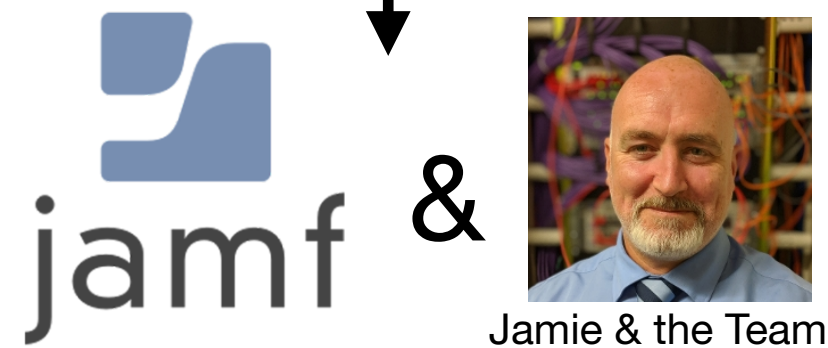
## About the Apple Teacher Programme

One of the benefits of using iPad in education is the Apple offer a comprehensive and free(!) CPD programme known as Apple Teacher. By embarking on the Apple Teacher journey you will be able to explore foundational resources designed to help you master key features and apps for iPad. You'll also have free access to hands-on tutorials that make it easy to learn new skills and earn your badges to become a recognised Apple Teacher.

The materials are easy to use, really interactive and allow you to progress at your own pace. Once you have completed the Foundation level and become a certified Apple Teacher there are development pathways available for this that wish to pursue them. These include Lesson Integration badges where you learn to apply the Foundational skills in designing engaging and creative lessons. There are also modules on teaching coding, augmented reality and lots more. Along the way you can earn badges and work your way up to becoming recognised as a certified Apple Learning Coach or Professional Learning Specialist able developing a potential career supporting other schools nationally and internationally

### ADVANTAGE AND APPLE TEACHER STATUS

As part of the Advantage Project we would like all of the teachers involved to work their way through the Apple Teacher Foundations Course and achieve the Apple Teacher Status by the end of the academic year 2023/24.

By doing this all of those involved in the project will have an excellent introduction to working with iPad core Apps and get a feel for the major productivity tools which are shown in Section 9. This will in turn reduce workload by making iPad based tasks simpler and less time consuming.

To assist Teachers with this we will be running CPD events throughout the year including those focused on time and support to achieve the Apple Teacher accreditation.

### APPLR TEACHER MODULES TO COMPLETE AS PART OF ADVANTAGE

| iPad › | Pages for iPad › | Keynote for iPad › | Numbers for iPad › | iMovie for iPad › | GarageBand for iPad › |

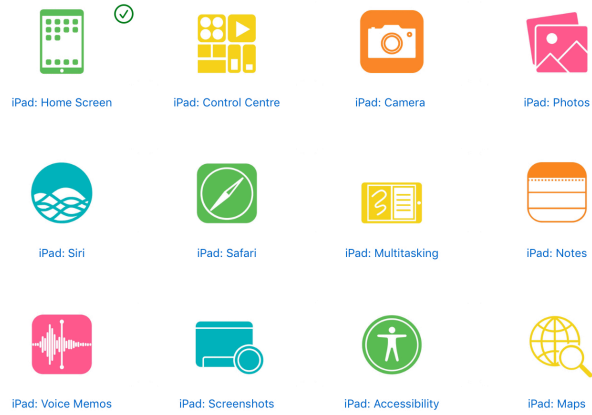### Become an Apple Teacher
iPad Tips

### Connect with the Community

One of the great advantages of working with Apple is it gives everyone access to a worldwide community of Apple educators and enables links and ideas to be established and shared on a global scale,
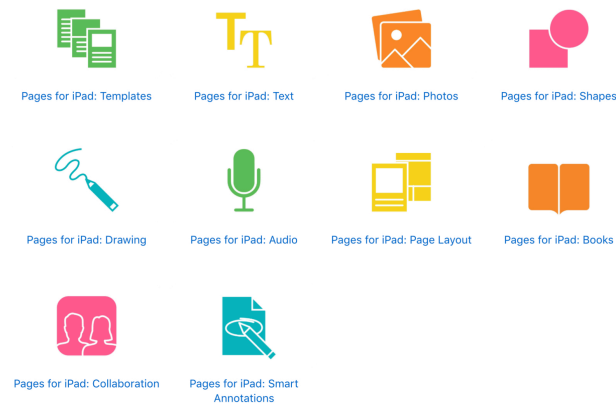
A good starting point is to follow @AppleEDU on Twitter and check News for a preview of upcoming Twitter chat topics and questions.

## iPad ✕



| | | | |
|---|---|---|---|
| iPad: Home Screen ✓ | iPad: Control Centre | iPad: Camera | iPad: Photos |
| iPad: Siri | iPad: Safari | iPad: Multitasking | iPad: Notes |
| iPad: Voice Memos | iPad: Screenshots | iPad: Accessibility | iPad: Maps |

## Pages for iPad ✕



| | | | |
|---|---|---|---|
| Pages for iPad: Templates | Pages for iPad: Text | Pages for iPad: Photos | Pages for iPad: Shapes |
| Pages for iPad: Drawing | Pages for iPad: Audio | Pages for iPad: Page Layout | Pages for iPad: Books |
| Pages for iPad: Collaboration | Pages for iPad: Smart Annotations | | |

## Numbers for iPad ✕



| | | | |
|---|---|---|---|
| Numbers for iPad: Basics | Numbers for iPad: Formatting | Numbers for iPad: Formulas | Numbers for iPad: Functions |
| Numbers for iPad: Charts | Numbers for iPad: Shapes | Numbers for iPad: Drawing | Numbers for iPad: Record Media |
| Numbers for iPad: Sheets | Numbers for iPad: Collaboration | | |

## iMovie for iPad ✕



| | | | |
|---|---|---|---|
| iMovie for iPad: Magic Movie | iMovie for iPad: Storyboards | iMovie for iPad: Movies | iMovie for iPad: Trimming |
| iMovie for iPad: Transitions | iMovie for iPad: Photos | iMovie for iPad: Titles | iMovie for iPad: Overlays |
| iMovie for iPad: Audio | iMovie for iPad: Effects | iMovie for iPad: Green Screen | iMovie for iPad: Sharing |

## Keynote for iPad ✕



| | | | |
|---|---|---|---|
| Keynote for iPad: Slides | Keynote for iPad: Photos | Keynote for iPad: Shapes | Keynote for iPad: Drawing |
| Keynote for iPad: Tables | Keynote for iPad: Charts | Keynote for iPad: Animation | Keynote for iPad: Magic Move |
| Keynote for iPad: Present | Keynote for iPad: Video Presentations | | |

## GarageBand for iPad ✕



| | | | |
|---|---|---|---|
| GarageBand for iPad: Projects | GarageBand for iPad: Audio Recorder | GarageBand for iPad: Apple Loops | GarageBand for iPad: Sampler |
| GarageBand for iPad: Editing | GarageBand for iPad: Drummer | GarageBand for iPad: Touch Instruments | GarageBand for iPad: Live Loops |
| GarageBand for iPad: Mixing | GarageBand for iPad: Sharing | | |

**APPLE EDUCATION UK**

Education is one of Apple's Core Values and we are delighted to be working with the Apple UK Education Team as part of our Advantage Project. The Apple Team have been supporting the development of the TPAT Advantage project since 2021 using their expertise and experience of similar projects being run in Scottish Borders (video below), Glasgow and Blackpool.



JENNI CURSON - HEADTEACHER
WEST LINTON PRIMARY SCHOOL



**SYNC**

Sync are our Apple Authorised Education Specilist partners.

Over the past three years we have developed a strong working relationship with Sync who provide advice and support for both our hardware and our v solutions.

Our main point of contact at Sync is Andrew Gibbs who regularly travels to visit and support TPAT schools and fascilitated our first Digital Transformation Conference in October 2022.



**SHOWBIE**

Showbie are our an international leader in designing teaching and learning workflow solutions. We are delighted that they will be working closely with our teachers in order to support the Advantage Project and help to make our practice transformational.



**ABDUL CHOHAN**

Abdul is a former Senior leader, Principal and CEO of a Multi-Academy trust. He is the Co-founder and Chair of The Olive Tree School in Bolton, UK. Abdul is also an award-winning Learning Technology consultant based in the UK. Working with international educational organisations as well as devising learning strategies based on mobile technology platforms, Abdul has pioneered the embedded use of learning technologies for students and teachers alike. His programmes focus on Simplicity and Reliability, and have extended beyond the traditional school environment to impact families and the wider communities that the schools serve. Currently, Abdul is the Vice President of Learning at Showbie Inc.



It lets you be 100% sure of how your child's doing.
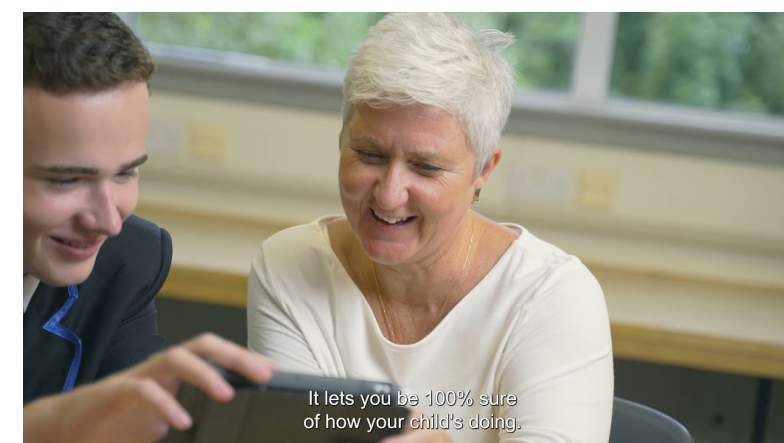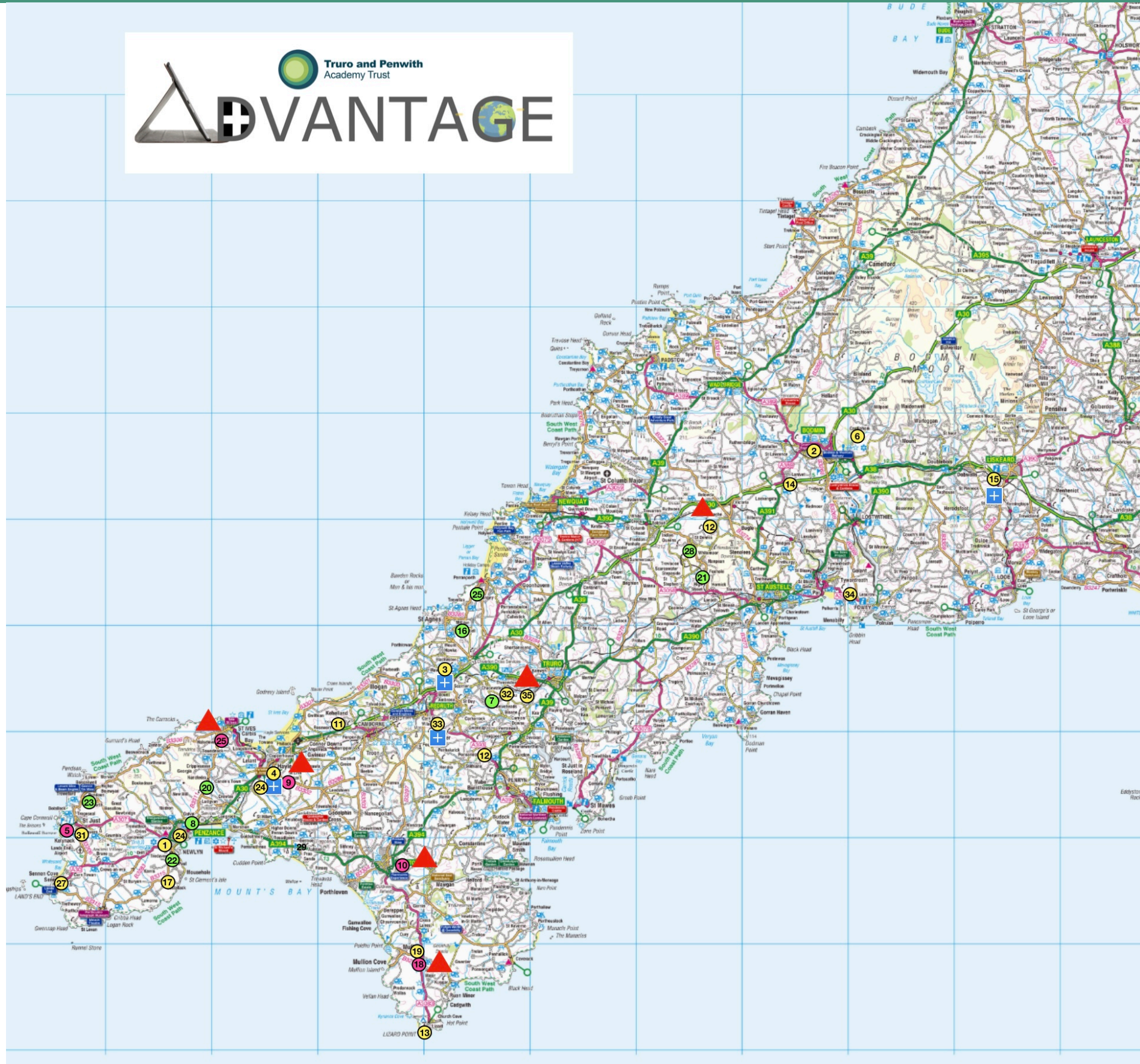
| | |
|---|---|
| 1 | Alverton |
| 2 | Berrycoombe |
| 3 | Blackwater |
| 4 | Bodriggy |
| 5 | Cape Cornwall |
| 6 | Cardinham |
| 7 | Chacewater |
| 8 | Gulval |
| 9 | Hayle |
| 10 | Helston College |
| 11 | Kehelland |
| 12 | Kennall Vale |
| 13 | Landewednack |
| 14 | Lanivet |
| 15 | Liskeard HF |
| 16 | Mithian |
| 17 | Mousehole |
| 18 | Mullion Sec. |
| 19 | Mullion Primary |
| 20 | Nancledra |
| 21 | Nanpean |
| 22 | Newlyn |
| 23 | Pendeen |
| 24 | Pensans |
| 25 | Perranporth |
| 26 | Roche |
| 27 | Sennen |
| 28 | St Dennis |
| 29 | St Erth |
| 30 | St Ives |
| 31 | St Just |
| 32 | Threemilestone |
| 33 | Trewergie Inf. |
| 34 | Tywardreath |
| 35 | Central Team |
| ▲ | TPAT IT Support |