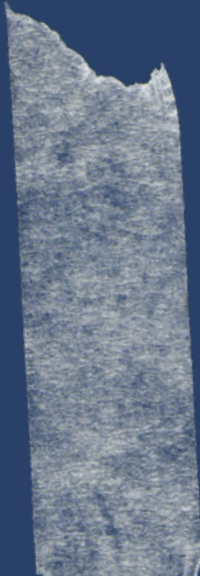


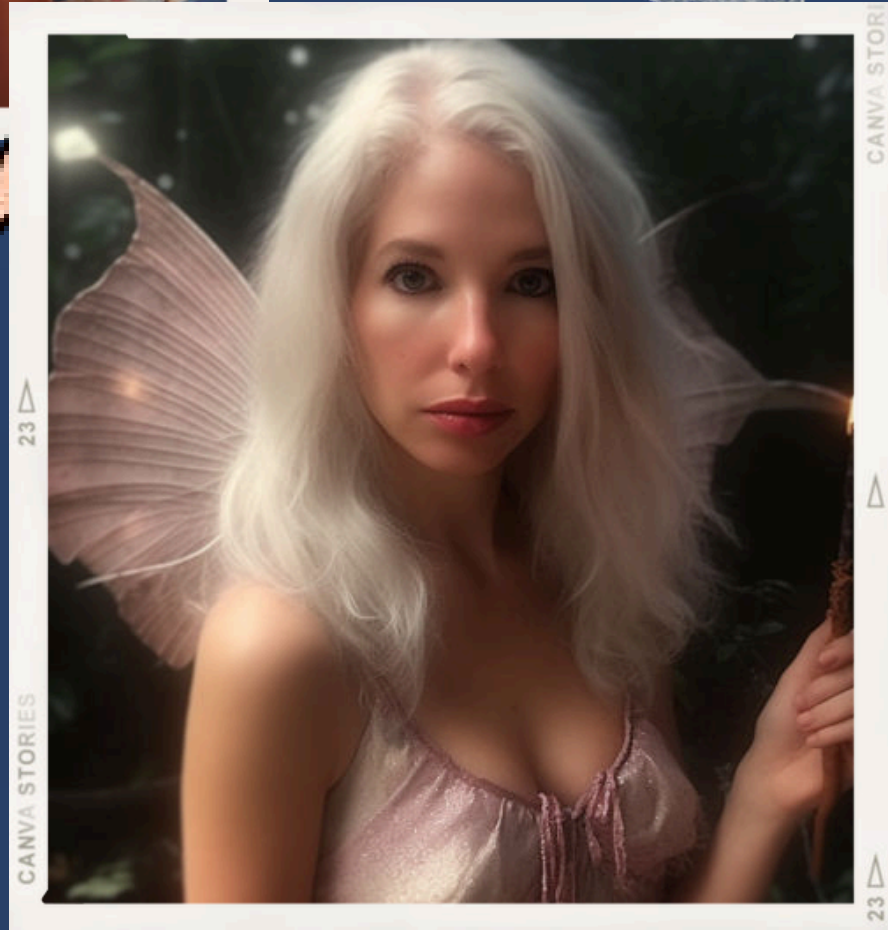
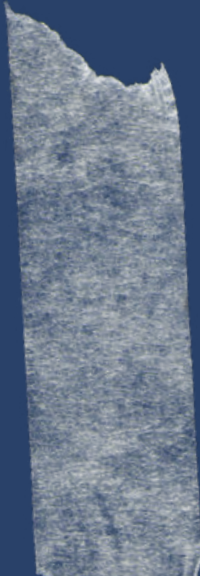
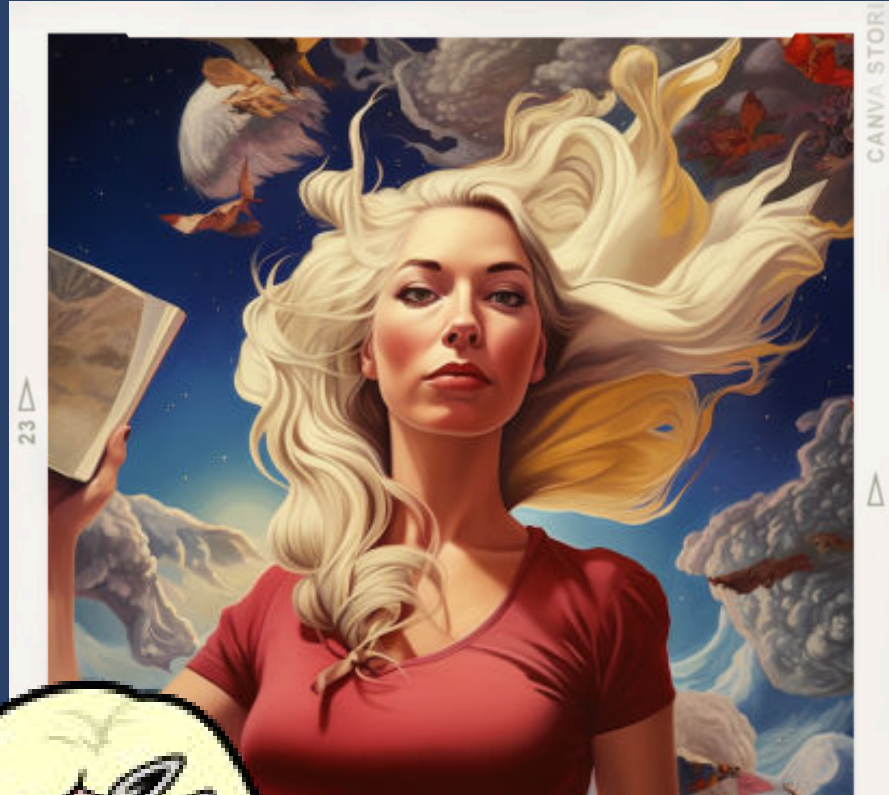
Understanding how AI can empower
Neurodivergent learners



Anne Sheppee AMBDA (APC)



Fee Kempton FCCT



Fee Kempton Ltd
TRANSFORM THROUGH
TECH



Google for Education
Champion





2006



2002



2001



2023





Aims for today

Understanding Neurodiversity



What does the world look like for teachers working with Neurodiverse students?

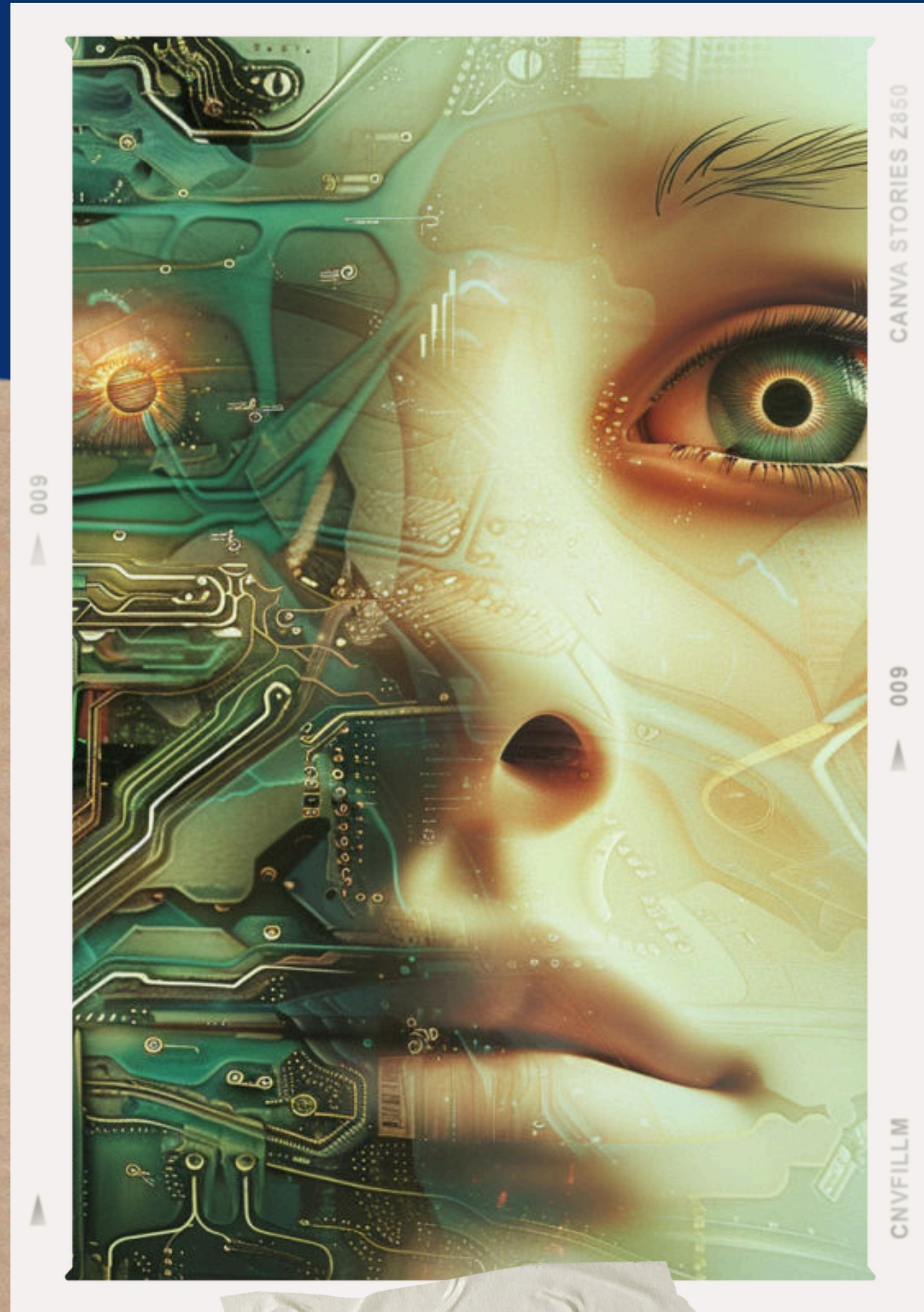


Why is tech usage enabling for Neurodivergent students?

Rose DH and Meyer A (2002) Teaching Every Student in the Digital Age: Universal Design for Learning. Alexandria, Virginia: ASCD.

Chen C (2023) EdTech and Neurodiversity





Brave New World

What does the world look like for students at the moment?

So what's available to help?



tiimoapp.com

Organisation,
focus,
concentration



curipod.com

Engagement,
checking
understanding,
brain breaks!



[chromewebstore.
google.com](https://chromewebstore.google.com)

Removing the
distracting
additions



gemini.google.com

Summarising,
adjusting for
reading age

Making a start to

an
overwhelming
workload



goblin.tools

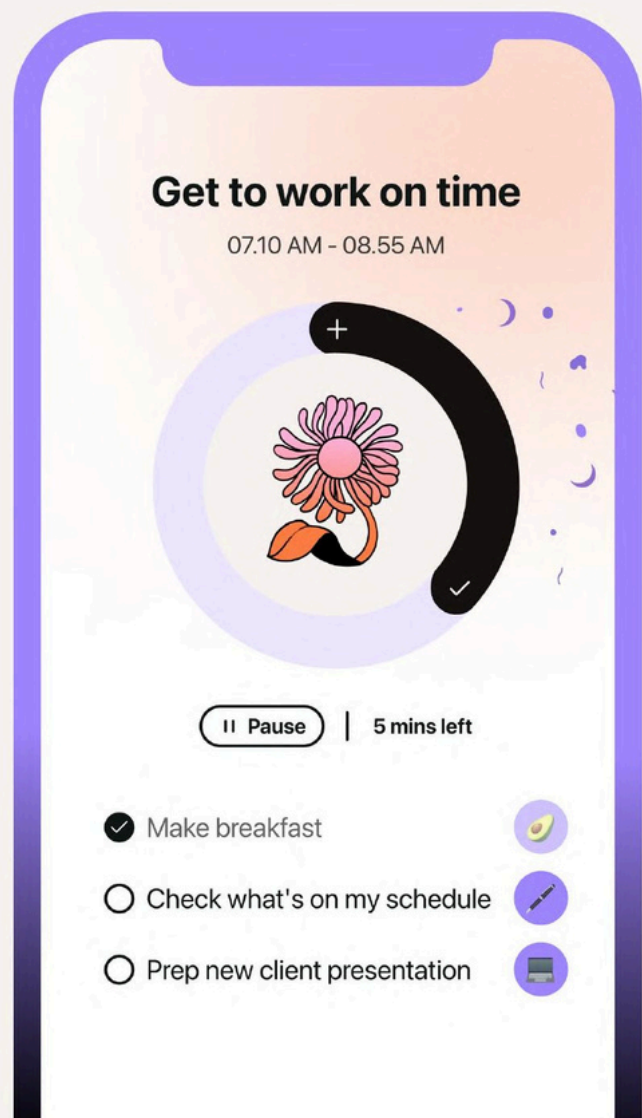
Essay/project
planning

Tone analysis

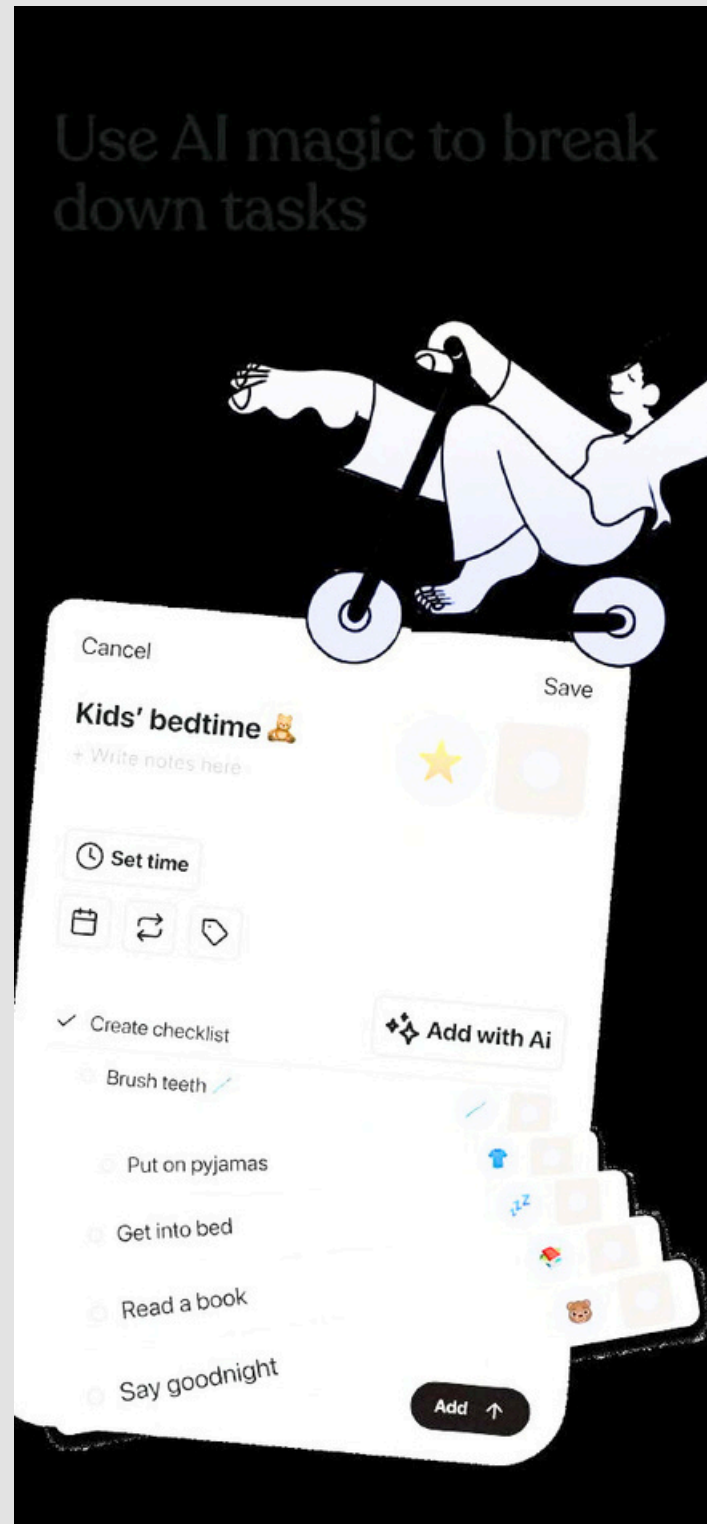


Everyone is different. Plan as you are

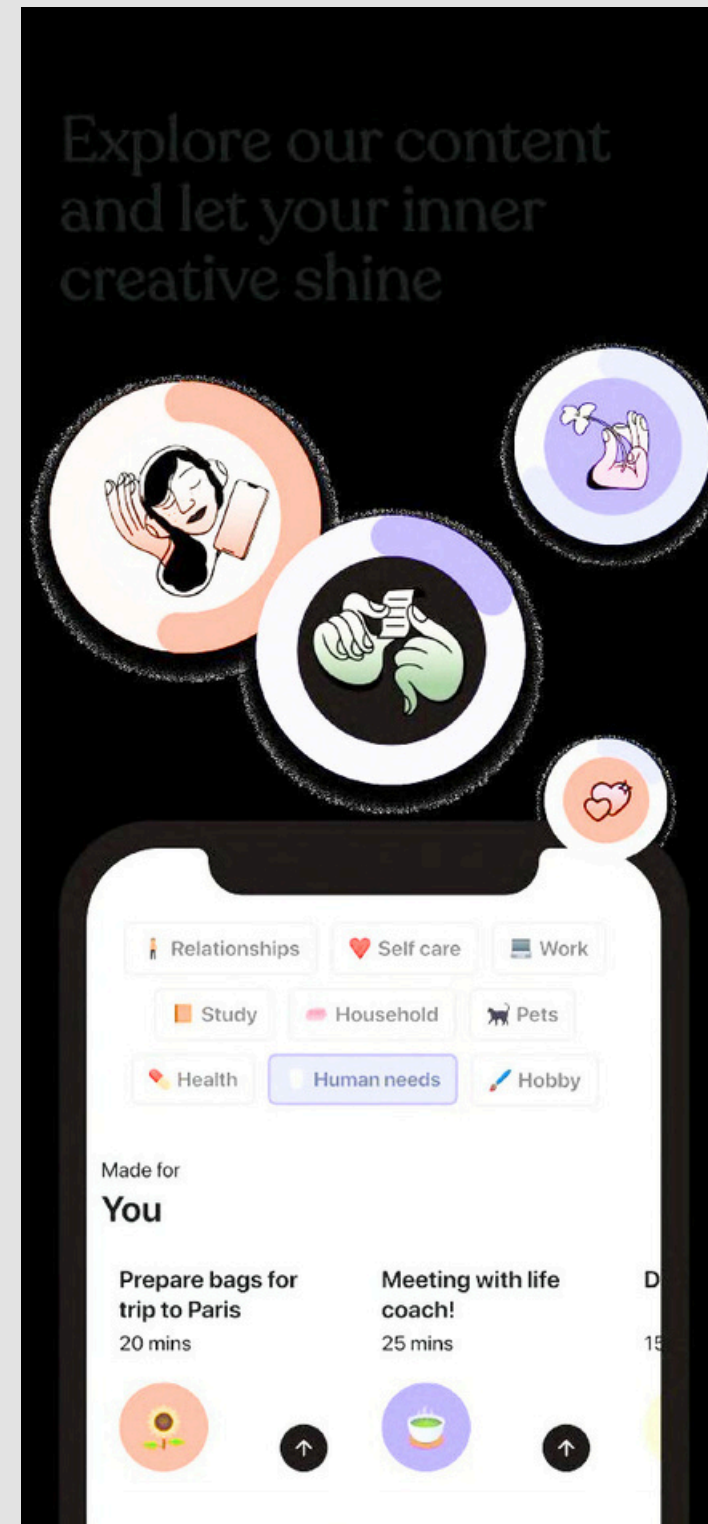
Stay focused with our visual timer



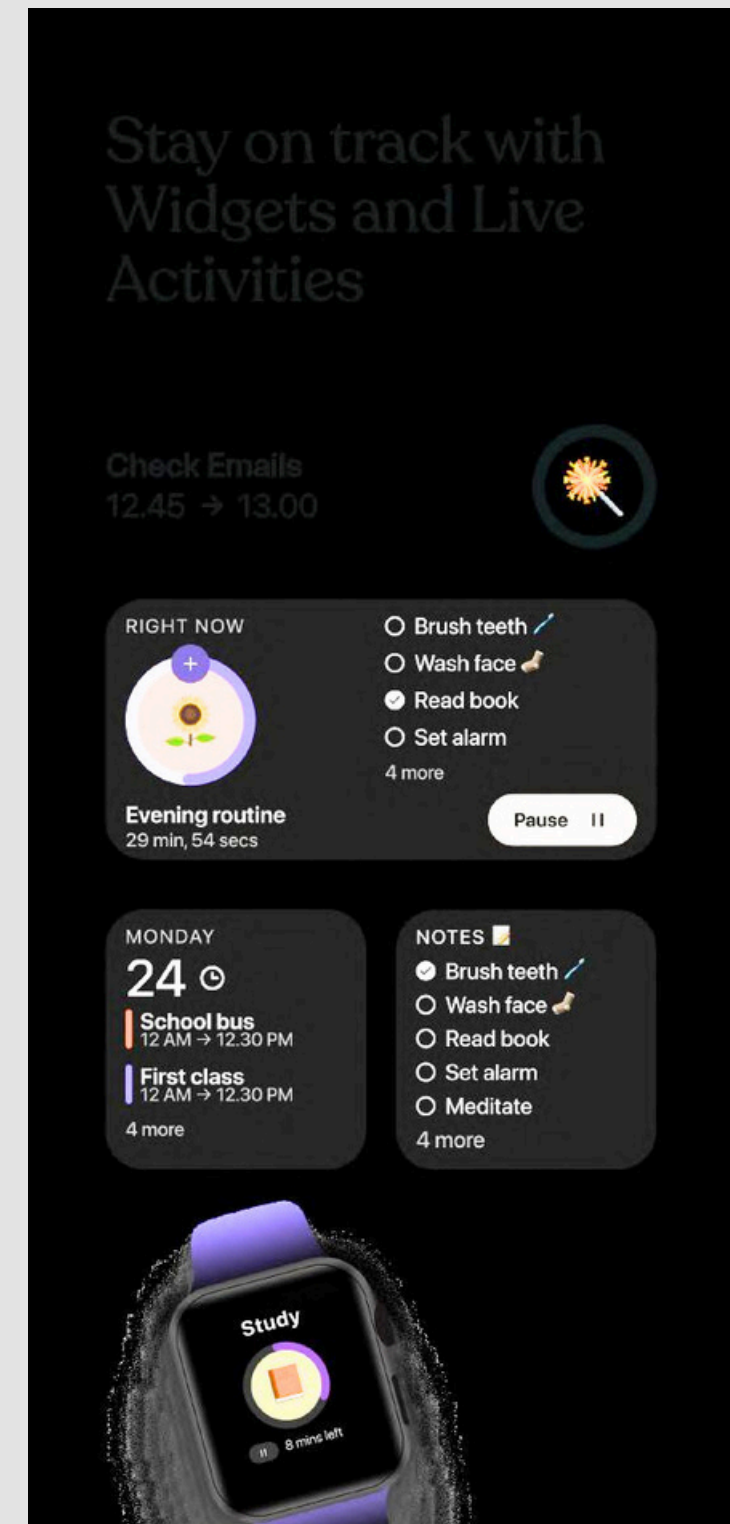
Use AI magic to break down tasks



Explore our content and let your inner creative shine



Stay on track with Widgets and Live Activities



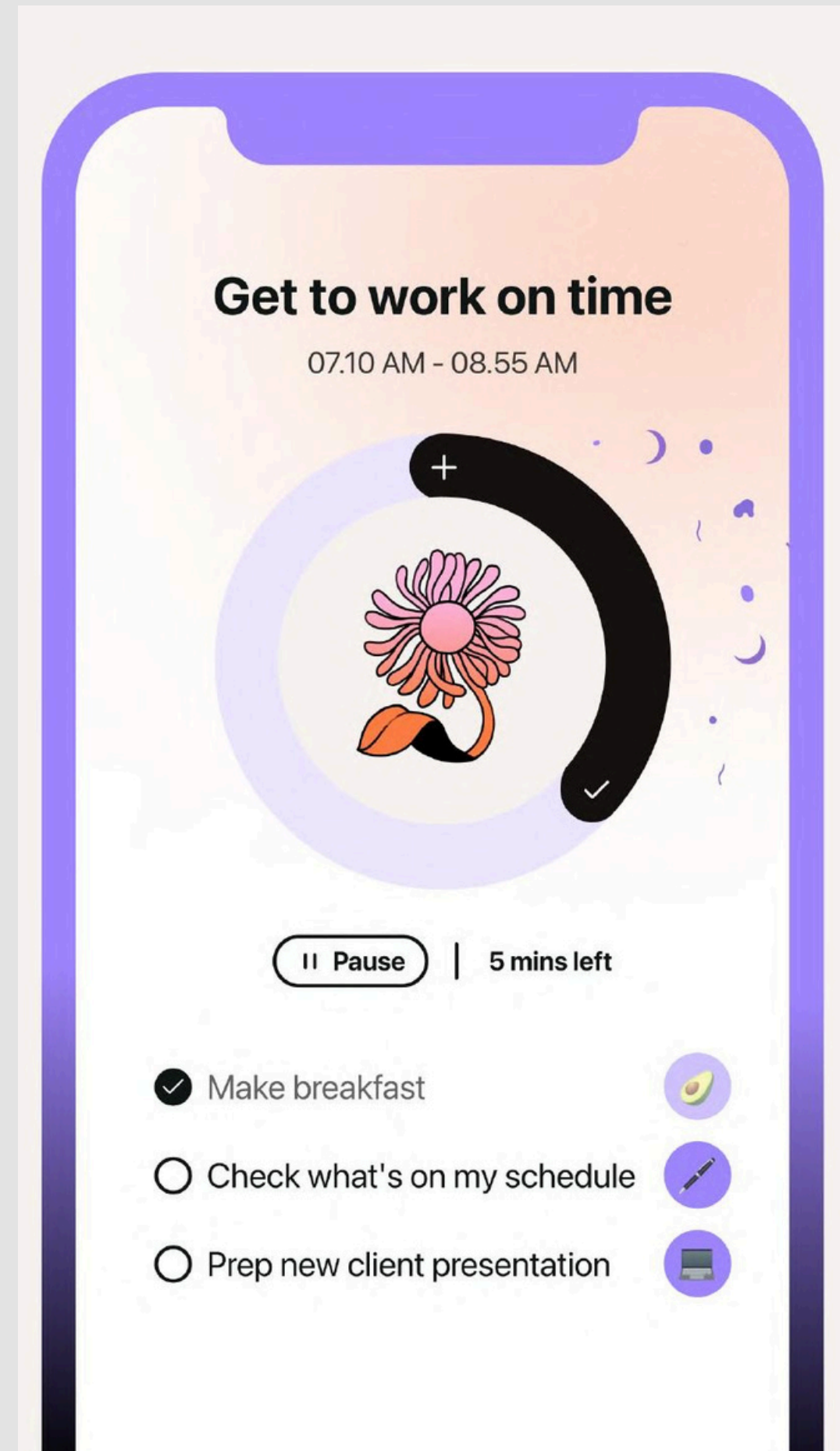
Right Now

Right Now is your visual timer. Use it to...

... **Focus on what you're doing right now**

... **Relate to the concept of time**

... **Transition between activities**



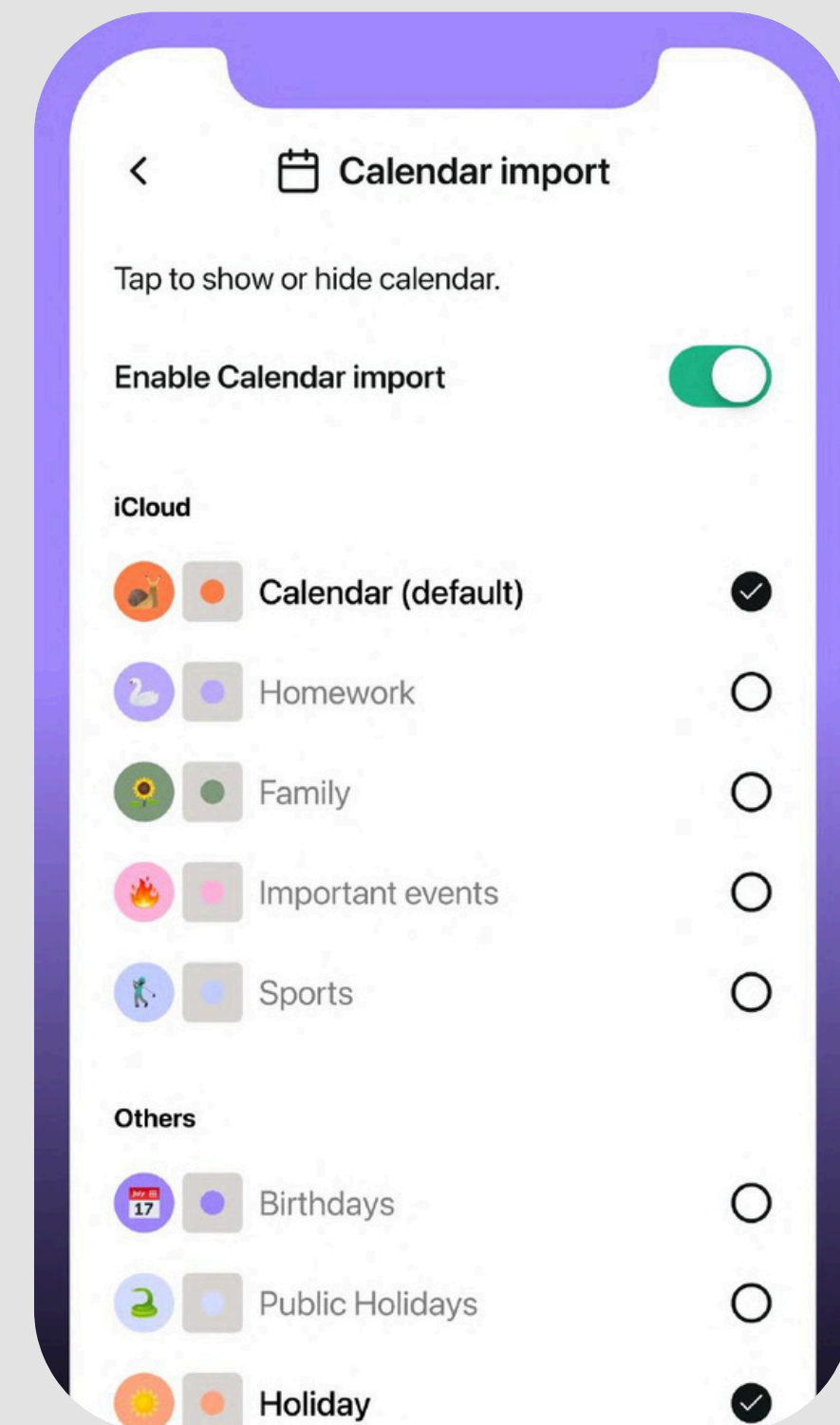
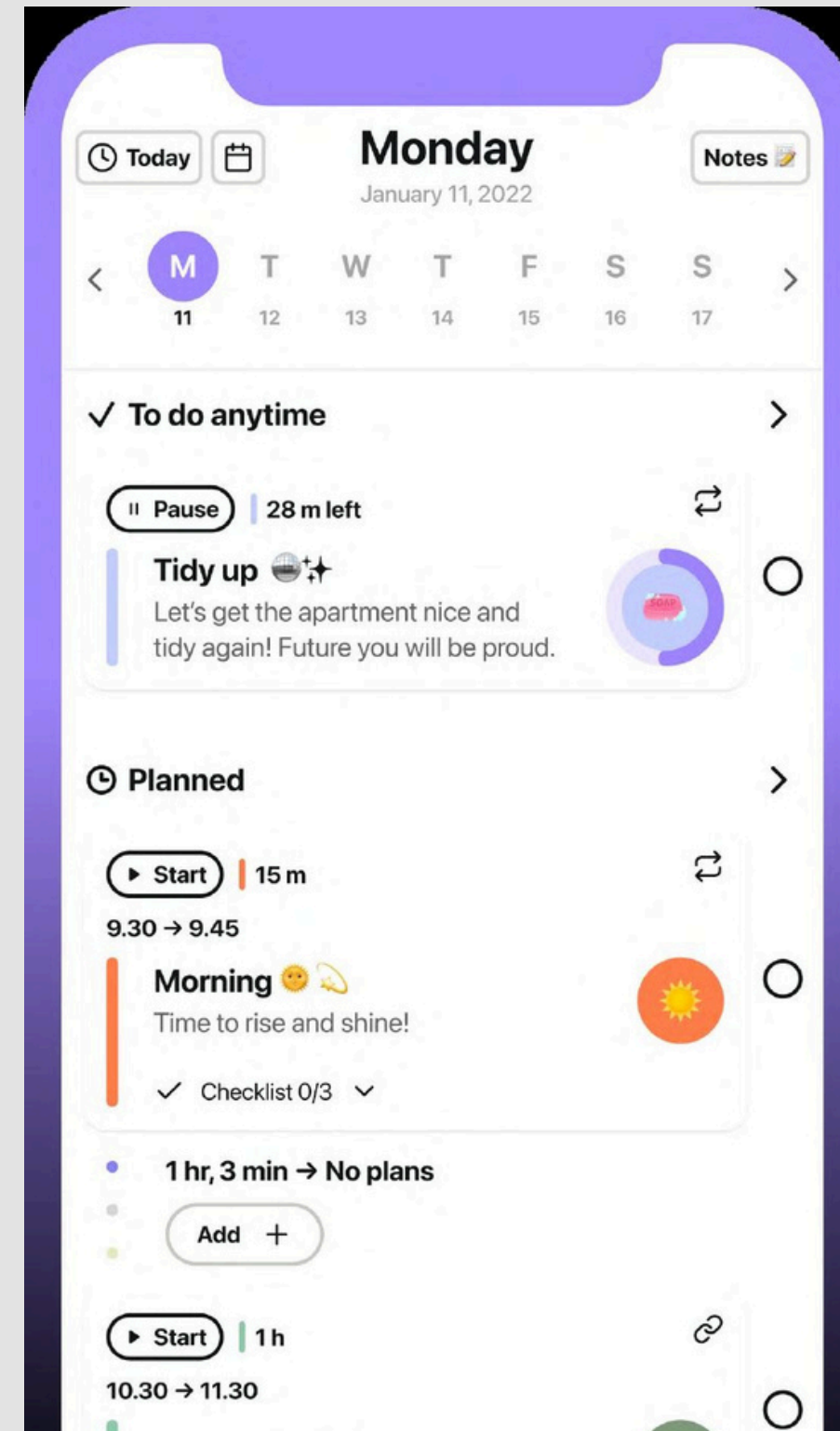
My Day

My Day is your planning hub. Use it to...

... **See a visual timeline of your day**

... **Creative activities and routines**

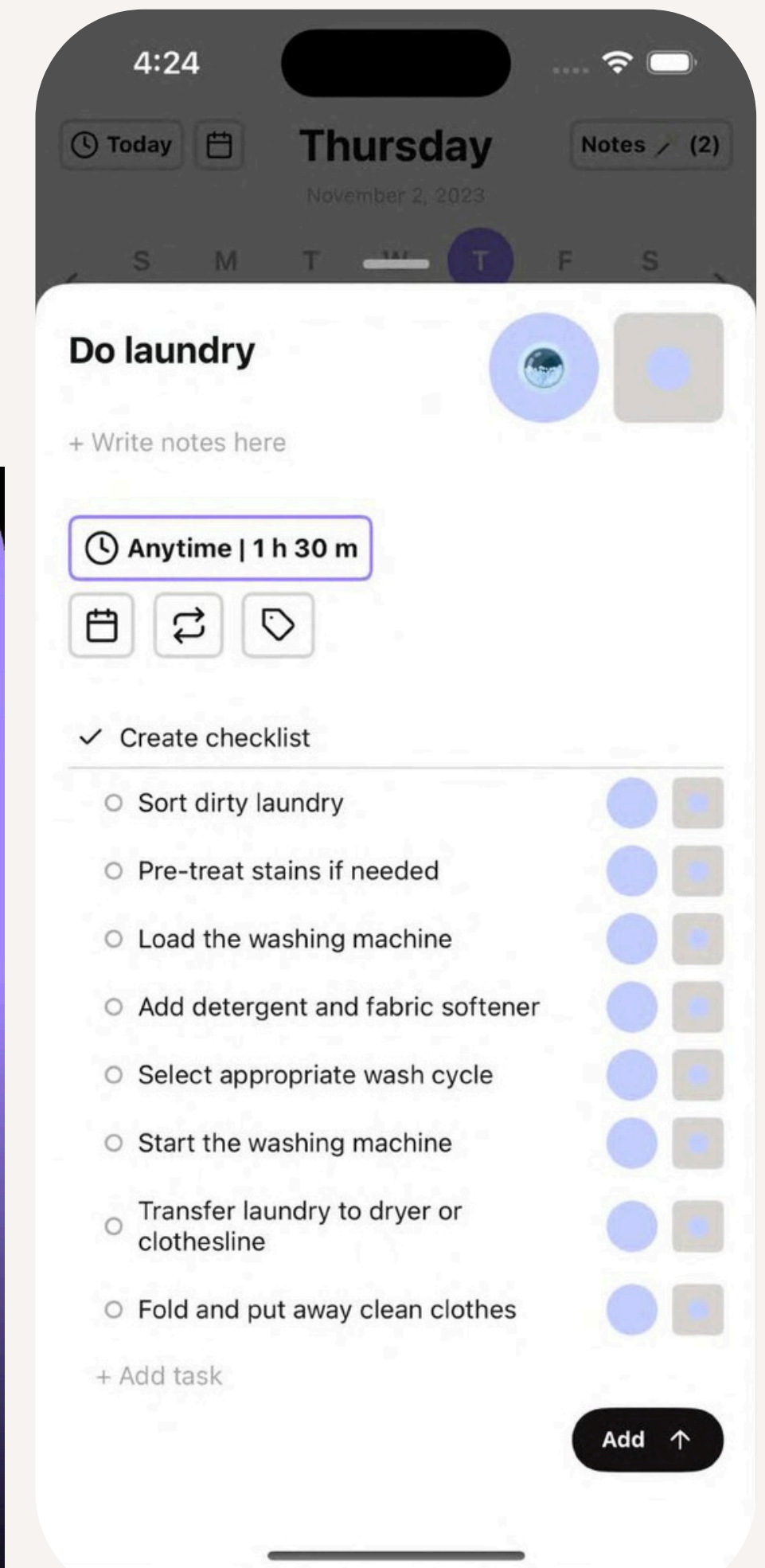
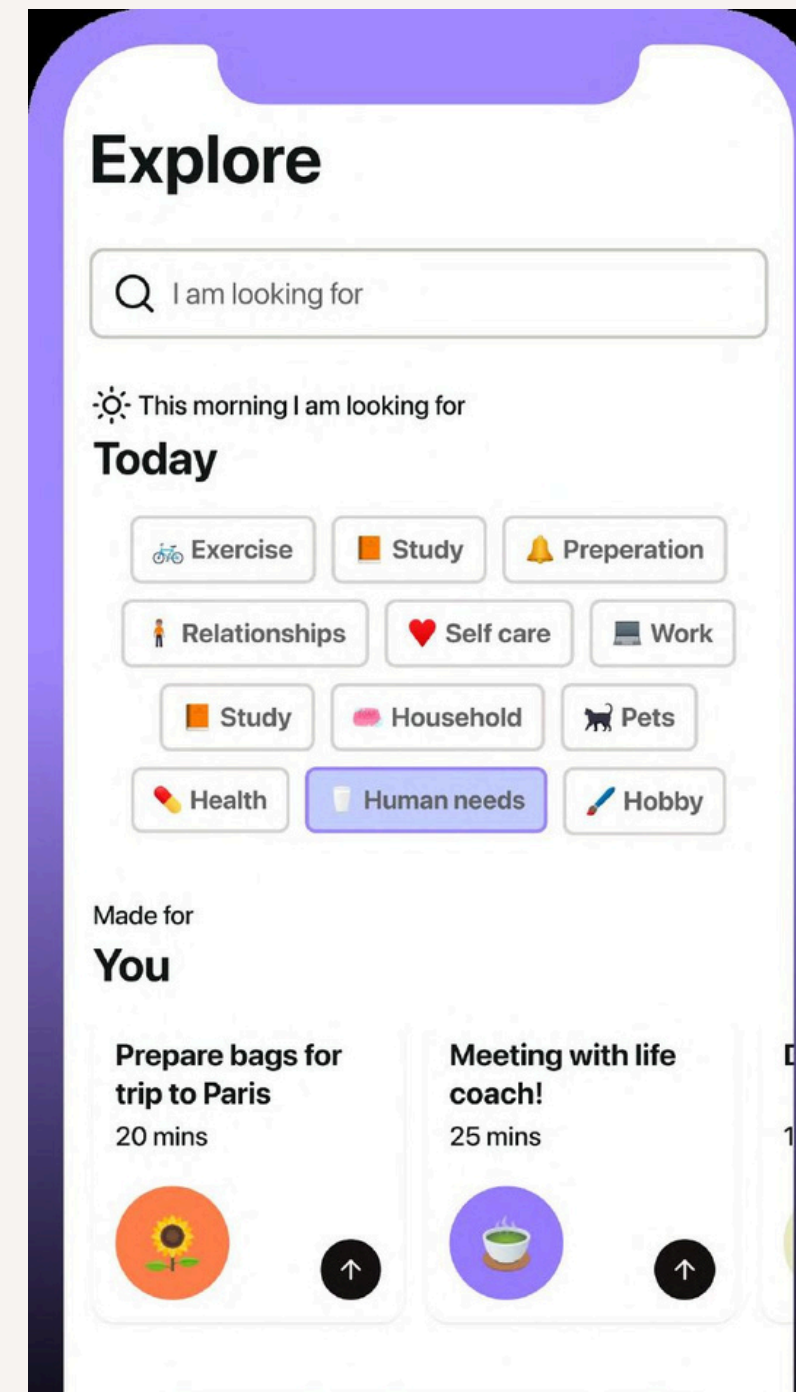
Integrate Existing Calendars with Calendar Import



Explore and AI features

Gain inspiration via Explore. Use it to...

- Break down tasks with AI
- Customisation with AI (suggested icons)
- AI suggested duration for tasks based on input title and description



Reading and Summarising



Reader View

Gemini

Theresa May to stand down : Gemini

bbr.co.uk/news/uk-politics-68509239

PA MEDIA

Mrs May said it had been an 'honour and privilege' to serve as MP for Maidenhead

By Graeme Baker
BBC News

Former prime minister Theresa May has said she will be standing down as an MP at the next election.

In a statement, she said she had taken the "difficult decision" to vacate her Maidenhead seat after 27 years.

Mrs May, prime minister from 2016 to 2019, said causes such as tackling modern slavery were taking an "increasing amount" of her time.

But she is now one of 64 Tory MPs who have announced their decision to leave the Commons.

They include former ministers Dominic Raab, Chris Grayling, Ben Wallace, Sajid Javid and George Eustice.

In the statement to **the Maidenhead Advertiser**, she said she had "always done her best" to respond to the needs of local people.

Mrs May, 57, became prime minister in July 2016 after the resignation of David Cameron following the Brexit referendum. She had been his home secretary for six years and was a chief architect of the so-called "hostile environment" for immigrants, which led to "go home" vans being sent into areas with large migrant communities.

Her three years in Downing Street were dogged by the Brexit aftermath.

The Papers: 'Pension pinchers' and Horner 'Red Bullish'

Singapore sting: How spies listened in on German general

Weekly quiz: Which billionaire hired Rihanna to celebrate a wedding?

Reading and Summarising



Reader View

Home - BBC News | Gemini

bbc.co.uk/news

NEWS

Home | Israel-Gaza war | Cost of Living | War in Ukraine | Climate | UK | World | Business | Politics | Culture | More

England | N. Ireland | Scotland | Alba | Wales | Cymru | Local News

Biden draws election battle lines in fiery speech

The president took repeated swipes at Donald Trump in his last State of the Union before November.

- ▶ **The state of the union is... Americans fill in the blank**
- **Four surprises that could upend the election**

Theresa May to stand down as MP at next election

UK Politics · 33min

MH370: The families haunted by one of aviation's greatest mysteries

Asia

Coroners' death reports reveal NHS warnings rise

Health · 7h

LIVE Stokes bowls Rohit & Anderson removes Gill to move to 699 wickets

Cricket

London a 'no-go zone for Jews every weekend'

£40k orphanage donor feels 'cheated' by charity

Stakeknife: Report into top IRA spy to be published


Reading and Summarising



The Ukrainian teenagers who... Gemini

bbc.co.uk/news/entertainment-arts-68430049

Relaunch to update



POLLY BRADEN

Sofia (second left), Aliesia (third left) and Yuliia (front) with their friends at Lyceum No 2 school in Mykolaiv before the war

By Katie Razzall
Culture and media editor


Sofia, Yuliia and Aliesia, three school friends from Mykolaiv in Ukraine, were 16 years old when war broke out. They were regular teenagers looking forward to sleepovers and trips to the beach near their home city.

But after 24 February 2022, the girls and their families scattered across Europe.


For two years, they have connected almost entirely online, using Telegram and Snapchat.

"Many of us feel overwhelmed by the loss of friends and the inability to meet them," Yuliia says.

Incredibly, though, they did see each other again in person last summer, in their bombed-out hometown for a school prom.




How Nikki Haley battled to stay in fight against Trump



BBC VERIFY

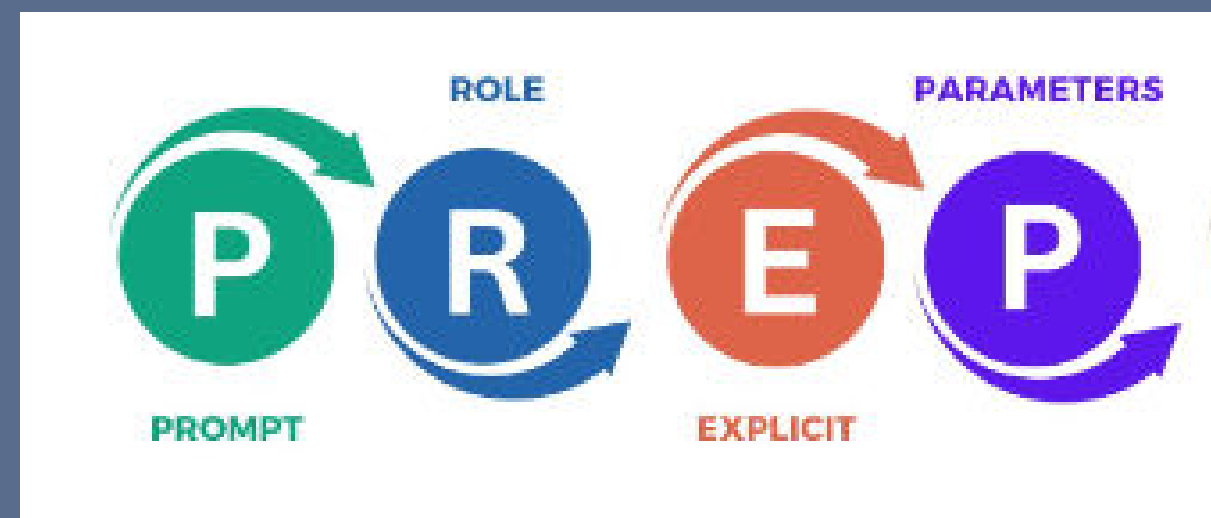
Is the tax take the highest for 70 years?



NEWSCAST

The Gemini logo, featuring the word "Gemini" in a blue, sans-serif font with a small white star above the letter "i".

gemini.google.com



@theaieducator

Please design a lesson for my 16 year old students to help them improve their public speaking skills. You are an expert orator and spokesperson. The lesson should be 50 minutes long. It should start with some energiser activities then some paired activities to help them grow in confidence with speaking aloud and finish with them speaking about a comedic topic with no notes. Some of the students in this class are quite shy so please consider a way to encourage them to make progress in a low-threat way. Ask me questions which will help us to develop this lesson together.

Abbie's overwhelmed day - using Gemini to decompose, order and organise



Gemini

Prompts for Abbie's overwhelmed day

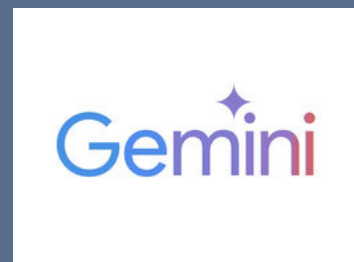
File Edit View Insert Format Tools Extensions Help Accessibility

150% Normal text Arial 11

Prompts for Abbie's overwhelmed day!

Please help me make a learning plan or timetable for how I will complete the tasks that I need to complete by their deadlines, breaking the mass of work that I have into manageable chunks. You are a student in Year 12, studying A-Level History, A-Level English Literature and Sport BTEC who is superb at organising your time and is always on top of deadlines. These are the tasks I have to complete: 1) Flipped Classroom task for History A-Level about individuals in Civil Rights from 1962 to 1992. I need to finish this today and expect it will take me an hour and a half to complete. I have to research the individuals and pick out the key facts that are important before writing them down in the document that I have been given. 2) C+D Assignment for Sport BTEC due on the 20th March. Unit 7: Practical Sports Performance. The Assignment title is: Demonstration and Assessment of Skills, Techniques and Tactics in an Individual and Team Sport. Here is the Vocational Scenario or Context: As a volunteer coach at a local sports club, the head coach has asked if you would be able to help support one of the sports performers who has recently experienced a drop in performance. The Head coach would like you to show the sports performer how to assess skills, techniques and tactics of a sports performer during a competitive situation. The sports performer will need to be guided through the methods of assessing their own performance. The Head coach would like you to do this in a team and an individual sport. The head coach believes that the sports performer will benefit from learning how to assess sports performers in other sports, in addition to learning how to do this in their own sport. The coach would like you to demonstrate to the sports performer how to do this by assessing your own performance in two sports. The head coach would like you to present a video of you taking part in a competitive situation in both a team and an individual sport. In each sport you will be required to demonstrate yourself effectively applying the appropriate skills, techniques and tactics. Following on from the production of videos that demonstrate your skills, techniques and tactics in an individual and team sport, the

Abbie's
overwhelmed day –
using Gemini to
decompose, order
and organise



The screenshot shows the Gemini AI interface. On the left is a sidebar with a 'New chat' button and a 'Recent' list of five chat items. At the bottom of the sidebar are 'Help', 'Activity', and 'Settings' options, along with an 'Upgrade to Gemini Advanced' button and location information for Norwich, UK. The main area displays a greeting 'Hello, fiona' and 'How can I help you today?'. Below this are four task cards: 'Give me phrases to learn a new language', 'Brainstorm a tagline for my online store', 'Teach me the concept of game theory in simple terms', and 'Suggest an organized list of the best food spots in a city'. A large text input area at the bottom contains a request for help with a learning plan for a Year 12 student. The input text is: 'Please help me make a learning plan or timetable for how I will complete the tasks that I need to complete by their deadlines, breaking the mass of work that I have into manageable chunks. You are a student in Year 12, studying A-Level History, A-Level English Literature and Sport BTEC who is superb at organising your time and is always on top of deadlines. These are the tasks I have to complete: 1) Flipped Classroom task for History A-Level about individuals in Civil Rights from 1962 to 1992. I need to finish this today and expect it will take me an hour and a half to complete. I have to research the individuals and pick out the key facts that are important before writing them down in the document that I have been given. 2) C+D Assignment for Sport BTEC due on the 20th'. At the bottom of the input area are icons for attachments, voice recording, and sending.

Gemini may display inaccurate info, including about people, so double-check its responses. Your privacy and Gemini Apps

Abbie's overwhelmed day – using Gemini to decompose, order and organise



Abigail

Thursday, March 7th:

- **Sport BTEC Test (Time allotted by your class):** Focus on acing the test!

Rest of the Week (March 8th - 15th):

- **C+D Assignment for Sport BTEC (Split into manageable chunks):** This assignment is the biggest workload, so let's break it down:
 - **Task 1 - Video Recording (already completed):** Good job having this done!
 - **Task 2 - Assessment & Development Plan (4 hours):**
 - Allocate 1 hour to select assessment methods (2 for each sport) and write justifications (Why did you choose them?).
 - Spend 2 hours analyzing your performance using the chosen methods. Focus on specific situations, strengths, weaknesses, decisions, and rule application.
 - Dedicate 1 hour to create a development plan for each sport. Include aims, goals, SMART targets, opportunities for improvement, and activities to achieve them.
- **History A-Level Revision (1 hour/day):** Since the test is next week, dedicate an hour each day to revise the rebellions during the reigns of Mary I and Edward VI. Use resources like class notes, textbooks, and online resources to create revision materials like flashcards or mind maps.

Additional Tips:

- **Schedule breaks:** Take short breaks every 30-45 minutes to avoid burnout.
- **Reward yourself:** Set small rewards for completing tasks to stay motivated.
- **Prioritize sleep:** Aim for 7-8 hours of sleep each night to optimize your focus and memory.
- **Use a planner:** Write down your tasks and deadlines to stay organized.

Remember, this is just a suggested schedule. Feel free to adjust it based on your learning style and preferences. Good luck!

Sans Serif

Send



GOBLIN TOOLS

Smart tools for the neurodivergent

Unit 7C_D - Assignment Brief .DOCX

File Edit View Insert Format Tools Help

kami

Share

100% Verdana 10

The Head coach would like you analyse your performance in the selected sports, using the feedback, which you have obtained, and

2

BTEC Assignment Brief v1.0
BTEC Internal Assessment QDAM January 2015

ALWAYS LEARNING PEARSON

produce a development plan. You should discuss specific situations from your practical performance, stating how and why specific skills were good and bad, how specific tactics were applied, the good and bad decisions you made, and how the rules were applied.

The development plan that you produce should analyse your own performance to reflect the strengths and areas of improvement in each sport. You should give reasons as to why you believe certain elements of performance are strengths or areas for improvement. You should support your opinions with evidence.

To conclude your development plan, you should consider activities that you could undertake to further develop your performance in each sport.

The Head coach would like you to think of particular activities that could be used to improve your performance. The coach would like you to present these recommendations in your development plan in the following format (it may be easier to produce a development plan for each sport);

- Identify your aims and objectives for personal development in the selected sport
- Identify short and long-term goals for your development
- Set some SMART Targets for your development (specific, measurable, achievable, realistic, time bound)
- Highlight the opportunities for further development, e.g. training programmes, attending courses, qualifications, where to seek help and advice.

To conclude the development plan, the Head Coach has asked if



GOBLIN TOOLS

Smart tools for the neurodivergent

The Judge

Am I misreading the tone of this?

"Wow, that outfit is simply stunning. I can't believe you managed to put on so many mismatched patterns without collapsing from the sheer sensory overload."



Judge



The text comes across as sarcastic or backhanded compliment. The use of words like "Wow" and "simply stunning" at the beginning may seem positive, but the comment about the mismatched patterns and potential sensory overload suggests that there is a hint of criticism or mockery underlying the statement. Overall, the tone appears to be sardonic or condescending.



GOBLIN TOOLS

Smart tools for the neurodivergent

Logic ToDo Formalizer Judge Estimator Compiler Chef

Formalizer

Turn the spicy thoughts into classy ones, or vice versa

Enter your text here...

Make my text: More professional ▼ Convert 🌶️🌶️🌶️

Your converted text will appear here...

Compiler

Compile my braindump into a list of tasks

Enter your braindump here...

Turn into tasks

The Chef

What am I having for lunch?

Write what ingredients you have here! You can also write down dietary constraints, serving sizes, equipment, time, or anything else you want the Chef to take into account.

Suggest

You could cook...



Thank you for joining us today.