

Leading suppliers for tomorrow's scientists

# VITTA

SUMMER TERM 2023

## MAKING SCIENCE MORE REWARDING

Earn as they learn with  
VITTA Rewards | p4

## STOCKING UP FOR SUMMER

Save on science supplies with  
our summer term deals | p8

## ALSO INSIDE...

Recipe sheets, practical hints & tips,  
what's-on guide and more!



  
**VITTA**  
EDUCATION

**FREE<sup>+</sup> magnetic  
ERASER...**

The latest deals & digest from VITTA Education... See inside for a **FREE GIFT<sup>+</sup>**

**Welcome to our  
Summer Term edition  
of VITTA Magazine**

Inside this issue:

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Warming Up...**

Claim your FREE I Lv  
Science magnetic eraser

**4 | Making Science  
More Rewarding**

Earn as they learn  
with VITTA Rewards

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One of this month's A-Z  
Chemical Recipe Sheets

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Shop a great deal more  
this summer with our  
latest product offers

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Investigating osmosis  
in potato tissue

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It's competition time  
with our break-time  
brain teasers!

**2023 ROUND-UP**

The year started with a bang for VITTA Education, as we announced and launched our rebrand on January 3rd. In speedy succession, we successively showcased our new look and feel, website and range at the ASE Annual Conference in Sheffield.

Although we have a new name, brands such as EduLab, SciChem and others you have come to love, trust, and know will continue to be available from VITTA Group.

In addition to our refreshed e-commerce website, we have improved and released a dedicated account management dashboard and introduced our VITTA Rewards loyalty scheme.

Part of the wider VITTA Group, VITTA Education stocks thousands of big-brand education products for science, catering to all ages from primary school through to university and post-graduate.

We believe in the value of life-long partnerships our team are always here and would love to hear from you if you have any questions or concerns. Say **hello@vittaeducation.com**

Thank you for your continued support...

*Mark & Team*

# WE'RE JUST WARMING UP...

Since beginning the year as VITTA Education, we have been on a mission to find ways to reward our loyal customers whilst celebrating our new customers and the relationships we are building. In this Summer Term issue of our VITTA Magazine, we are thrilled to introduce our new rewards programme, share with you our hot product

picks from some of our favourite brands for the summer, heat things up with a competition and give you a flavour of the resources available to you at [vittaeducation.com](https://vittaeducation.com).

We love supporting schools, colleges and universities with the best education brands and resources, so we hope you enjoy this issue.

## WHAT'S ON WHERE THIS TERM...

As we look towards summer 2023 and beyond, we're excited to be heading out on the road, up and down the country and across the world for an eclectic mix of workshops, tech-meets, teach-meets and conferences.

Check the dates at [vittaeducation.com/events](https://vittaeducation.com/events)

## DISCOVERY DAYS

Our PASCO Scientific and BMS Microscope specialist, Silas Norman continues to open up his diary each week to offer free 15-minute Discovery Calls as an opportunity to get to know you more and to explore which product ranges could be a good fit for your school, budget and teaching needs.

Arrange a discovery call or demo day with Silas at [vittaeducation.com/discovery](https://vittaeducation.com/discovery)

We can't wait to see you!



## CLAIM YOUR FREE I Lv SCIENCE MAGNETIC ERASER...

\*Shop online before 31/07/23 and receive a FREE magnetic whiteboard eraser with your order. Subject to availability. Use code **SUM23** during checkout. Terms apply.

# GET *Move* BACK FROM SCIENCE

**Earn reward points when you shop  
at [vittaeducation.com](http://vittaeducation.com) to exchange  
for discounts, treats and more!**

We've been looking for ways to reward our loyal customers  
and our new rewards programme is designed to do just that...

Welcome to **VITTA Rewards!**

## **How to get started...**

Earning points is easy! Log in or request an account and points will automatically be accrued with every qualifying transaction made through the VITTA Education website.

Once your points begin to build up, you can redeem them as full or part payment towards product purchases or in exchange for special VITTA Treats. You can even pool your points with other colleagues for a bigger reward.

We love giving out points, so keep an eye on our monthly newsletter and socials for more ways to build up your balance faster.

You can view your points balance at any time in your new and improved customer portal.

## **Request an account and start saving...**

Need an account? **Scan the QR code** on your mobile or visit **[vittaeducation.com/register](http://vittaeducation.com/register)** and fill in the form.



\* \* \* \_ \_

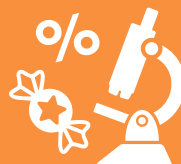
Log in or request  
a VITTA account



Earn reward points  
as you spend online



View your points  
total in your portal



Spend your points  
on science or treats

**Find out more and start saving at [vittaeducation.com/rewards](http://vittaeducation.com/rewards)**







Rewards



scan to start saving

## View your NEW Account Dashboard

Log in to VITTA Education and head to your new and improved account dashboard to view all your order history, check invoices and make payments. Create, send and order from saved quotes or check out your latest VITTA Rewards balance.

It's all there whenever you need it, online at **vittaeducation.com**





**EAT  
SLEEP  
SCIENCE  
REPEAT**

**SPARK CONVERSATION AT [LaBLiFe.CO.UK](https://LaBLiFe.CO.UK)**





**VITTA A-Z Chemical Recipe Sheets are available to download on our website**

Save yourself time in the prep room with more added each week, plus links to equipment and practical experiments.

[vittaeducation.com/recipes](http://vittaeducation.com/recipes)

Download A VITTA TIME-SAVER

# VITTA CHEMICAL RECIPE SHEETS

## Ammonium Dichromate

1 Litre 0.1M

### DIRECTIONS:

1. Using a balance, weighing boat and spatula carefully weigh out 25.2g of the Ammonium Dichromate (VI).
2. In a litre beaker measure 500ml of distilled water, add the 25.2g Ammonium Dichromate (VI) and stir to dissolve. Try not to disperse the chemical.
3. Using a 1 litre volumetric flask add the 500ml solution and additional distilled water to make up to 1 litre. Use a washer bottle for accurate measuring.
4. Store solution in a suitable container and label, including hazard symbols, as necessary.
5. Be careful of spillages and remember to wipe down the work area with a damp disposable paper towel.

### GUIDANCE:

- Use distilled or deionised water unless otherwise stated.
- Prepare Ammonium Dichromate in a fume cupboard that is switched off.
- Handle with caution. Avoid contact with the skin.
- CAUTION: May cause cancer by inhalation (Category 2 carcinogen).

### WARNINGS:



**PRECAUTIONS:** When preparing solutions always wear appropriate PPE including eye protection and gloves. Always add acid to water (never water to acid). Use a fume cupboard. You should always carry out a risk assessment when using any chemicals. Follow all recommended safety procedures and adhere to the label instructions, hazard warnings and local legislations.



Recipe extract shown. VITTA Education are not responsible for the outcome of this chemical recipe you try, or any website linked to from this recipe. For our full disclaimer visit [vittaeducation.com](http://vittaeducation.com)

# SHOP A GREAT DEAL MORE THIS *Summer*

Take your pick of this terms' hot product deals from VITTA

## FREE Gratnells Storage Bundle

When you buy 30x EduLab Safety Glasses (VTT12302596).

- 1x Deep Tray (red)
- 1x Foam Insert



*Gratnells*

Code	RRP	UKS
VTT12302596	£1.51	£0.94

## Molymod 12-Layer DNA Kit

Made from precision engineered moulds and materials.



Code	RRP	UKS
VTN12301872	£26.89	£22.86

## BeeSpi V Light Gate

Accurately measure speed and acceleration in an instant.



Code	RRP	UKS
VTT12303282	£36.00	£30.60

## 10% OFF our whole range of Adam Equipment Balances

Adam Equipment's range of balances are well-suited for laboratories, classrooms and industrial applications.

There's extended warranty across the range, with up to 5-year's on selected products for extra peace of mind.

Prices now starting at £29.32<sup>+</sup>

Product Shown	RRP	UKS
VTT12300362	£522.00	£443.89





# SAVE 15%

UK SCHOOLS RECEIVE  
AT LEAST **15% OFF RRP\***  
WHEN THEY SIGN UP  
TO VITTA

## Student Digital Joulemeter

Easy, reliable and designed for student use.

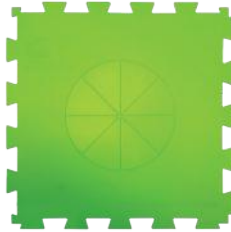


Code	RRP	UKS
VTT12302852	£87.54	£74.41

## Bench-Armour Bench Mat

Heat-proof mat protects worktops and other surfaces.

- 250x250mm



Code	RRP	UKS
VTT12301993	£7.78	£2.08

## BUY 5 GET 1 FREE

When you buy either 5x Natural Gas or 5x LPG Bunsen Burners.

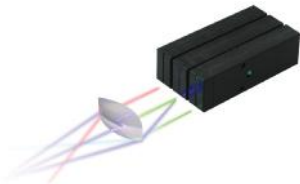
SAVE  
UP TO  
**£11<sup>++</sup>**



Type	Code	RRP	UKS
Gas	VTT12301163	£9.78	£8.31
LPG	VTT12301165	£10.56	£8.97

## 3 Colour LED Light Source Device

Set of three light source devices with super luminous red, blue, and green LEDs.



Code	RRP	UKS
VTN12302443	£8.08	£6.87

## FREE Water Bath Test Tube Rack with selected Clifton Water Baths

Upgrade your science equipment and get a FREE Test Tube Rack!

- Ideal for school laboratories
- 16 Holes x 26mm Diameter Test Tube Rack
- 4 Litre variant shown



Size	Code	RRP	UKS
4 Ltr	VTT12300799	£565.54	£480.71
8 Ltr	VTT12300800	£637.55	£541.92
14 Ltr	VTT12300801	£663.17	£563.70
22 Ltr	VTT12300802	£803.41	£682.90

WORTH  
**£82<sup>++</sup>**



# All Aboard at Bett

As the exclusive distributor for the UK, the VITTA Education team recently joined PASCO scientific on their stand for three days at the ExCel, London for Bett 2023.

Bett is one of the world's leading education technology events, which showcases the latest trends, innovations, and solutions in educational technology. It brings together educators, technologists, policy-makers, and industry leaders from around the world to discuss and explore how technology can transform teaching and learning.

Bett is a fantastic event for anyone interested in education technology, where you can always expect a vibrant and engaging atmosphere with plenty of opportunities to learn and connect.



## RAISING THE BAR (OR BRIDGE) IN STEM LEARNING & EDUCATION

Visitors were immediately drawn to the stand by the incredible London Bridge structure and soon discovered why PASCO is a Bett 2023 finalist and leader in STEM education.

Uniquely designed to bring real-world, cross-curricular learning into STEM courses and after-school programs, PASCO's STEM Sense Kits were some of the solutions we helped to present throughout the show. These included their Greenhouse Kit, the PASCObot Kit, and the //control.Node Kit. All kits come ready-to-use and include robust teacher support.



### PASCObot Sense & Control Kit

All you need to engage students in programming. Includes activities.



Code	RRP	UKS
ST-7840	£963.93	£811.87

### Greenhouse Sense & Control Kit



Code	RRP	UKS
ST-2997	£994.23	£845.09

### //control.Node Sense & Control Kit

Learn how to use sensors and programming to control devices ie. lights and fans.



Code	RRP	UKS
PS-5050	£656.57	£558.08

# PASCO

Want more? Read our full blog online at [vittaeducation.com](https://vittaeducation.com) or visit [bettshow.com](https://bettshow.com) for more show details and highlights.

### PASCO 25% OFF Wireless Temperature Sensor

Long battery life  
lasts over a year!

**SAVE  
25%**



Code	RRP	UKS
PS-3201	£121.21	£103.03

### PASCO Wireless Weather Sensor with GPS

All-in-one  
instrument  
designed for  
monitoring  
complex  
environmental  
conditions.



Code	RRP	UKS
PS-3209	£370.68	£332.07

### EnduraFlex 8mm Tubing

Lasts 10x longer than  
standard rubber tubing.

- 10m roll
- Square profile



Code	RRP	UKS
VTT12302404	£29.11	£24.74

### Fingertip Pulse Oximeter

Used to measure human  
haemoglobin saturation and  
heart rate through fingertips.



Code	RRP	UKS
VTN12301800	£22.20	£18.87



### SAVE 25% OFF Monocular Microscope

Choose a monocular biological microscope  
with 400x magnification that's ideal  
for schools and educational use.

The EduLab microscope is mains  
or battery powered with four  
rubber feet to ensure stability  
and eliminate vibration.

- 360° rotatable head
- Up to 400x magnification
- Coaxial coarse & fine focus
- LED illumination
- Mains lead included
- Requires 3x AA batteries (not included)



Code	Description	RRP	UKS
601-500	Monocular Microscope, 400x	£96.94	£86.00

3 for 2

**3 FOR 2 on selected EduLab storage trolleys**

Over 10 variations.  
Cheapest item free.

EDULAB



**Standard Size Human Skeleton**



Code	RRP	UKS
VTN12301723	£313.33	£266.33

**10 FOR 8 on Nitrile Micro-Textured Gloves**

- Powder-Free
- 100 Pack

2 FREE Packs



Size	Code	RRP	UKS
S	VTT12302631	£11.89	£10.11
M	VTT12302632	£11.89	£10.11
L	VTT12302633	£11.89	£10.11
XL	VTT12302634	£11.91	£10.13

**Z-Rack Test Tube Holder**

Stackable, 3-tier test tube holder to fit 28mm, 20mm, 13mm diameter tubes.



Size	Code	RRP	UKS
Pk1	VTT12301656	£5.62	£4.78
Pk10	VTT12301657	£41.11	£34.94

**Crime Scene Investigation**

Examine the evidence and perform various tests in this CSI kit from EduLab.



Code	RRP	UKS
VTN12301697	£123.12	£91.84

**EduLab Signal Generator & Amplifier**

Detachable power lead, easy storage and 5-year warranty.



Code	RRP	UKS
VTT12302926	£336.70	£286.20

**FREE Lab Cushion** when you spend £100 on Cylinders, Flasks and Beakers.

Interlocking sink-liner helps prevent breakages and blocked sinks.





## 20% OFF Magnetic Stirrer

Long-life brushless motor.  
160mm x 280mm x 85mm.

**SAVE  
20%**



Code	RRP	UKS
VTT12300626	£414.13	£352.02

## A-Z of Chemicals

Visit our website and shop the wide range of chemicals available for use in your science department.

**Plus don't forget we provide a chemical waste service too!**



Code	Description	RRP	UKS
VTC12300008	Ethanol 2.5Ltr	£21.64	£18.39
PO004	Potassium Metal 10g	£29.56	£21.76
VTC12300003	Hydrochloric Acid 5Ltr	£19.33	£16.43
BR127	Bromine Water 200ml	£14.08	£11.81
HY031	Hydrogen Peroxide 2.5Ltr	£25.66	£15.70

## Petri Dishes, 90mm

High quality. Suitable for all microbiological applications.

- Pack of 20



Code	RRP	UKS
VTT12304227	£4.71	£4.00

## Van de Graaff Generator

H: 56cm  
W: 22cm  
D: 22cm



Code	RRP	UKS
VTN12302285	£860.56	£593.26

## G by Freefall Apparatus and Timer

Electromagnet unit, heavy steel sphere, timer and a platform unit.



Code	RRP	UKS
VTT12306050	£176.77	£150.25

## 5 FOR 4 on selected EduLab Power Supplies

Choose from the range of advanced power packs for EduLab. Made in the UK with 5-year warranty for a risk-free investment.

- Built-in safety features
- Easy to use and store

Cheapest item free.

**5 for 4**



Code	RRP	UKS
VTT12302917	£161.62	£137.37
VTT12302919	£240.74	£204.63



**EVEN *More*  
ONLINE!**

**Our Summer Term Deals don't end here...** visit our website for all our latest summer promotions with more deals added from now until the end of term!





**Log on to VITTA for our series of Required Practicals for GCSE and A-level.**

Find all the in-depth information and advice you need, plus video links and one-click equipment list ordering.

Practical extract shown. VITTA Education can not be held responsible for any undesired outcome of this, or any other practical experiment you try. For our full disclaimer visit [vittaeducation.com](http://vittaeducation.com)



**Download** A VITTA TIME-SAVER

# REQUIRED PRACTICALS

## Biology: Osmosis

Investigating osmosis in potato tissue

### TEACHERS NOTES:

Investigate the effect of a range of concentrations of salt or sugar solutions on the mass of plant tissue.

### EQUIPMENT LIST:

In addition to general laboratory equipment, each student needs:

- Potatoes
- Cutting Board
- Forceps
- Sodium Chloride
- Safety Goggles
- Electronic Top-Pan Balance (0.00g readability)
- Cork Borer
- Potato Peeler
- White Tile
- Stirring Rod
- 5x 100ml Beaker
- Scalpel
- Ruler
- Distilled Water
- Paper Towels
- Labels

### PREPARATION:

1. To avoid students using sharp implements, the potato cylinders can be freshly prepared for them.
2. Use a potato peeler to ensure the potato cylinders do not have any skin on them as this affects the movement of water molecules.
3. Use a cork borer to remove the potato cylinders from the potato, use a scalpel (or sharp knife), ruler and cutting board to trim until equal size and weight.
4. Using forceps, place the potato cylinders on a tile ready for the experiment.

### LEARNING OUTCOMES:

The task involves investigating and understanding the impact of osmosis and water potential on the weight of plant tissue. Students must evaluate the impact of varying concentrations by measuring the change in the plant tissue due to osmosis.

**Like what you see?** Download the full explanation of this practical and more online at [vittaeducation.com/practicals](http://vittaeducation.com/practicals)

### WENDY'S TIP FOR THE TERM...

[illegible]

1	2 W	3	4	5	6	7	8 A	9	10	11	12	13
14	15	16 V	17	18	19	20	21	22	23	24	25	26 T

Crack the code and fill the grid for a chance to **WIN 1 of 5 VITTA Desktop Radios...**

The same number represents the same letter – we've already made a start for you!

Take a pic and email your answers  
back to **win@vittaeducation.com**

Entries close 14/07/23. Terms apply.  
See website for full details.



# SHOP A GREAT DEAL MORE THIS Summer

Open up your Summer Term Deals from VITTA<sup>†</sup>

## 5 FOR 4 on selected EduLab Power Supplies

See inside for details.



## FREE LAB CUSHION when you spend £100 on Cylinders, Flasks and Beakers.

Interlocking sink-liner helps  
prevent breakages and  
blocked sinks.



## PASCO 25% OFF Wireless Temperature Sensor

Continuously monitor  
and log temperature  
measurements.

Waterproof with  
long-lasting  
battery.

See inside  
for details.

**SAVE  
25%**

**3 for 2**

## 3 FOR 2 on selected EduLab storage trolleys

Over 10 variations.  
Cheapest item free.



Summer term  
**BONUS  
POINTS**

## BUILD YOUR BALANCE WITH BONUS POINTS...

Spend £500 in a single  
transaction and receive  
**500 EXTRA points!**

Shop science, supplies and so much more  
with VITTA. Order 24/7 at [vittaeducation.com](http://vittaeducation.com)

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Terms & Conditions: <sup>†</sup>All deals valid until 21/07/23. Prices correct at time of print. Restrictions apply.  
Visit [vittagroup.com/summer23](http://vittagroup.com/summer23) for full details. E&OE. <sup>††</sup>At RRP. <sup>\*</sup>Online orders only. Terms apply.

  
**VITTA**  
EDUCATION