

# Recruitment Pack

# Part Time - Science Teacher St James School

January 2025

Closing Date: 15/09/24

Interview Date: TBC



# **Ted Wragg Trust**



An ambitious and inclusive Trust of schools strengthening our communities through excellent education.



Welcome from the Ted Wragg Trust CEO, Moira Marder



On behalf of the Ted Wragg Trust, I would like to thank you for your interest in working with us. The Ted Wragg Trust (TWT) is an ambitious and inclusive Trust of schools strengthening our communities through excellent education. Our values driven, rapidly growing 2-18 Trust has the highest expectations for every child, every day, with social justice at our core.

This is a hugely exciting time for us as a growing Trust who work closely with other local schools and Trusts across Devon.







### St James School Teacher

We are looking to appoint a terrific teacher to join our team. It is an exciting role and a great opportunity for anyone who loves teaching and learning and is passionate about improving the life chances of young people.

At St James, we have an **ambitious curriculum**, **disruption-free classrooms** and **great learning**. From the moment they join us, we ask our students to **work hard** and **be kind**. These two behaviours epitomise what we think is important for both students and staff.

Our school **empowers our students** to use their education to **become their best selves**, to **thrive in fulfilling careers** and to **lead great lives**. We do this by enacting our four foundational pillars:

- 1. Having uncompromising high standards
- 2. Being outward facing
- 3. Keeping arts at the heart of the school
- 4. Being kind

Our **uncompromising high standards** mean that we have a very academic curriculum, with more than 70% of our students completing the English Baccalaureate, and many of our students being invited to join elite post-16 programs, such as the Exeter Maths School and the Reach Academy.

It also means that our children behave beautifully. We have clear lesson expectations, supported by centralised systems so that teachers can get on and teach and students can get on and learn. We are uncompromising in ensuring our expectations are met because we believe that if we let our students off, we let them down. These high standards have helped us to become a Lead School for the DfE's Behaviour Hubs program, meaning that we support schools regionally to improve their behaviour.

One of the reasons we work with the DfE is because we believe in being **outward facing** to help raise standards locally and nationally. That means we engage in educational research, and listen to its findings, even when it challenges our thinking, in fact, especially when it challenges our thinking. You won't find silly marking and data entry practices at St James – we focus on the things that really improve progress and reduce workload, such as incremental coaching for teachers and common resources.







We also ensure that our students are outward facing and enjoy a full range of experiences and opportunities whilst they are at St James. They understand and celebrate difference and diversity and proactively contribute to our community. They raise money for charities, learn a language until at least the end of year 9, and they volunteer locally because they know that to feel part of your community, you've got to first be part of your community.

The community feel of St James is supported by our curriculum, which keeps **the arts at the heart of our school**. Our academic curriculum teaches a knowledge of the world which is vital, but the arts engender a knowledge of the self, which children need in order to fully explore the world. At St James, we ask children not just *what* they want to be when they grow up but *who* they want to be and we believe that keeping the arts as the beating heart of our school helps our children to answer that question.

And we are clear about one thing that all of our children and staff must be – and that is kind. **Kindness** is the most important pillar at St James. We want to help our children grow into kind teenagers and then kind adults, so we teach them to do the right thing, because it is the right thing, because that benefits them and their community – and because it feels good to just be a good human being.

So, if you like to work hard and be kind, and you like students who do the same, St James School is the place for you and we would welcome your application.

#### The successful candidate will:

- work hard;
- be kind;
- · be outward facing;
- · be a terrific teacher;
- be a passionate and innovative advocate for teaching and learning;
- have great curriculum knowledge;
- · be totally committed to improving the life chances of young people; and
- · be a good human being.

Does this sound like you? If so, then we would welcome your application. Application forms and further information are available from our website: <a href="www.stjamesexeter.co.uk">www.stjamesexeter.co.uk</a> or by email to recruitment@stjamesexeter.co.uk.





The Science department at St James has a mix of experienced and recently qualified teachers, with a variety of backgrounds and specialisms. Our experienced technician and assistant have a fully stocked prep room and service six modern laboratories. We are a cohesive and supportive team with a strong drive towards innovative practice and CPD. Working across the Ted Wragg Mufti Academy Trust we have developed detailed schemes of work and lesson resources for both KS3 and KS4, allowing teachers to focus on the development of their T&L and ensuring significant progress for students, whilst still maintaining a focus on staff wellbeing. The Science Department plays an active role in whole school activities with a gardening club, house quizzes and other engagement events.

At Key Stage 3, all students follow our own bespoke scheme of work, designed to deliver Science in a traditional manner that supports recall of knowledge and development of skills. Students are assessed formally at regular intervals throughout the year as well as lesson by lesson through various strategies. At Key Stage 4 we follow EdexcelScience courses, with groups that take Separate Sciences as well as the combined Science course. We use GCSEPod, Seneca, Tassomai and other online resources to support our teaching and learning. We also deliver GCSE Psychology within the science suite of qualifications.

Our teaching is student centred allowing for active, interdependent opportunities, with personalisation and differentiation really key to successful learning and outcomes for our students. We use research to inform our practice and as a department emphasise positive mind-set to instil self-belief and resilience in our students. It is an exciting time to be part of the Science department at St James, as we work towards developing outstanding learning in every classroom.

Staff within the department work tirelessly to enable pupils to achieve excellent progress at both Key Stages 3 and 4. We are looking to appoint somebody who will strive to do their very best for every single student in our school.





#### Chemistry Rates of reaction, Periodic table, **Particles**

#### Physics Density, Bending and Stretching, Gas pressure

#### Future careers in science

Doctor, Biomedical Scientist, Ecologist, Chemical Engineer, Pharmaceuticals, Forensic Scientist, Renewable Energies, Data Scientist, Environmentalist, Astrophysicist, Microbiologist, Virology, Parasitology, Radiographer, Research Scientist

#### Biology

Coordination and control, Respiration. Revision

Year 11

#### Physics

Electricity and circuits, Forces. Particles, Radiation

#### Chemistry Chemical

bonding. Acids and Alkalis, Particles, Extracting Metals

### CYCLE 2

Quantitative Chemistry Cells and Microscopes

#### CYCLE 3

Forces (Newtons laws) Photosynthesis Respiration

### Year 10

#### Biology Cells and Control Genetics and

Inheritance Natural selection and Health and disease

#### CYCLE 2

Acids and Alkalis Electricity Inheritance

#### CYCLE 1

EM Spectrum Space Separating Substances Health and disease



#### CYCLE 3 Waves

Ecology **Forces** 

#### CYCLE 2

**Forces** Properties of Matter Organisation

#### CYCLE 3

CYCLE 1

Chemical Change Electricity and magnetism Plants and photosynthesis



#### CYCLE 1

Atomic structure Periodic table Energy Transport into/out of

Key practical skills **Particles** Cells



#### Threshold Concepts

Year 7- Energy, Particles, Cells, Forces Year 8 - Atomic structure, Energy, Forces Year 9 - Cells, Forces

Year 10 - Cells and Control, Particles, Forces

Year 11 - Particles

### Key Ideas about Science

"Science assumes that for every effect there is one or more causes."

"Scientific models, theories and explanations are those that best fit the evidence at the time."

"The knowledge produced by Science is used in some technology to serve human ends."

"Applications of Science often have ethical, social, economical and political implications."



# **Key Details**

Job Title: Science Teacher Location: Exeter, Devon

Salary: MPS-UPS

Closing Date: Sunday 15th September 2024

Interviews: TBC

Required From: January 2025



# How to apply

Applications can be made and further information is available via our website: www.stjamesexeter.co.uk

We would welcome visits to the school prior to applications. To arrange one, please contact HR by email recruitment@stjamesexeter.co.uk



#### Key responsibilities

- 1. Complete lesson preparation in line with our model for Great Teaching at St James.
- Deliver lessons in line with your lesson preparation and our model for Great Teaching at St James.
- 3. Regularly assess your students to improve progress.
- Ensure that your enactment of the curriculum enables all students to achieve excellent outcomes, especially children with SEND and those entitled to the pupil premium.
- 5. Contribute to shared planning.
- 6. Engage with our CPD and coaching program so that you incrementally improve your teaching practice.
- 7. Consistently use our lesson expectations so that your classroom is disruption-free.
- 8. Support your tutor group to be well prepared for learning.
- 9. Contribute to our wider curriculum offer.
- 10. Proactively safeguard all children and adults.
- 11. Collaborate and network with other trust teachers to raise standards at St James and across the Trust.

#### 1. Complete lesson preparation in line with our model for Great Teaching at St James.

- a. Utilise the classroom strategies in our *Great Teaching at St James* model to prepare lessons, focussing on resources, reading, explanations, misconceptions, individual needs and checking understanding.
- b. Complete lesson preparation with members of your department/trust colleagues.
- c. Reflect on lesson preparation after lessons to improve practice.
- d. Work with your coach to refine your lesson preparation.

### 2. Deliver lessons in line with your lesson preparation and our model for *Great Teaching* at St James.

- a. Model great teaching in your classroom using the strategies in our *Great Teaching at St James* model.
- b. Articulate and promote our *Great Teaching at St James* model so that all students thrive through its implementation.
- c. Engage with deliberate practice of our Great Teaching at St James model.

#### 3. Regularly assess your students to improve progress.

- a. Prepare for assessment in the checking for understanding section of your lesson preparation.
- Utilise a range of formative assessment methods in class and practise these using the Walk Thrus.
- c. Engage with our cycle structure, ensuring all assessments are completed in line with the long-term plan and marked against the agreed mark scheme.
- d. Ensure all assessment marking and data entry is completed on time.
- e. Identify areas for development for all children and create personalised plans for KS4 students.

## 4. Ensure that your enactment of the curriculum enables all students to achieve excellent outcomes, especially children with SEND and those entitled to the Pupil Premium.

- Identify and remove (or overcome) the classroom barriers facing children with SEND and those entitled to the pupil premium.
- b. Have consistently high ambitions and aspirations for all children, especially those facing of adversity.
- c. Engage with the quality assurance of teaching and learning.
- d. Know your areas for development that will take your teaching to the next stage.
- e. Use Walk Thrus to deliberately practise your classroom strategies.

#### 5. Contribute to shared planning.

- Collaborate with colleagues to evaluate resources and feedback incremental improvements.
- b. Plan sequences with colleagues as required.
- c. Attend trust network meetings, collaborating positively.

#### Engage with our CPD and coaching program so that you incrementally improve your teaching practice.

- Seek feedback from your coach and other collegaues.
- b. Engage with and complete your appraisal.
- c. Attend training sessions for staff that focus on effectively using the strategies in our *Great Teaching at St James* model.
- d. Identify your training needs and engage with a training and development program that meets these needs.
- Work with the Trust and with other organisations to partake external training opportunities to staff.
- f. Use your network to facilitate visits to other schools to identify best practice.
- Meet all Teacher Standards.

#### 7. Consistently use our Lesson Expectations so that your classroom is disruption-free.

- a. Care personally for and challenge directly the students in your classroom.
- b. Consistently use the school's merits system.
- c. Consistently use the school's behaviour point system.
- d. Engage in restorative conversations when things go wrong.
- e. Maintain contact with families to praise and address behaviours.

#### 8. Support your tutor group to be well prepared for learning.

- a. Care personally for and challenge directly the students in your tutor group.
- b. Monitor attendance and liaise with parents to keep attendance high.
- Read the canon texts with your group, using our whole-school reading strategies.
- d. Check uniform and log issues.
- e. Check equipment and resolve any issues.
- f. Check homework completion and quality.
- g. Celebrate students' successes, including by contacting home.





#### 9. Contribute to our wider curriculum offer.

- a. Plan and deliver an Elective that is either creative, active or a service/skill.
- b. Promote careers during your lessons.
- c. Work with colleagues to create opportunities for students beyond the curriculum (including trips, visits, visitors and clubs)

#### 10. Proactively safeguard all children and adults.

- a. Follow safeguarding procedures, including logging.
- b. Create trusting relationships with students where they feel confident to disclose concerns.
- c. Be an anti-racist.
- d. Be an ally to minority groups.
- e. Report any staff concerns to the headteacher.

## 11. Collaborate and network with other trust teachers to raise standards at St James and across the trust.

- Narrate the successes of our children and our staff.
- b. Be ambitious, kind and curious in your work with trust colleagues.
- Be generous in sharing great practice and humble in receiving the same from colleagues.
- d. Attend trust network meetings, collaborating positively.
- e. Carry out any other tasks deemed reasonable by the headteacher.



#### Great Teaching at St James

Our model of teaching and learning has been informed by the Great Teaching Toolkit (2020) by Rob Coe et al, published by Evidence Based Education. The toolkit reviews existing research and frameworks in order to identify the 'best bets' that will increase student learning. We use the WALKTHRU series to ensure that we have a shared pedagogical understanding and practice.



#### Dimension

#### What does this look like at St James?

### Lesson preparation: Understanding the content

We have expert curriculum knowledge and sequence concepts in small steps and the connections students should make with previous knowledge.

We use lesson preparation before we teach and plan for reading.

In our preparation, we identify misconceptions and typical errors in each topic and plan for examples and non-examples.



We prepare live modelling by writing model answers that solve the most difficult problems our students face.

We prepare for giving an explanation, which might involve using analogies.

We decide when and how we will check for understanding of the whole class and individuals.

Using our seating plans, we anticipate where we may need to use adaptive teaching to meet the needs of all students.

### Disruption-free classrooms: Maximising

We maximise time by getting lessons started promptly. Students are greeted at the threshold for the first three minutes before the register. Students immediately start meaningful work with a Do Now activity.

opportunities

We consistently apply the lesson expectations by awarding merits and behaviour points.

We expect students to fully engage in the lesson with no opt out and to silently track the speaker.



To allow all students to concentrate, silence is golden.

We have positive relationships with students which is reinforced by a warm-strict manner. We use positive framing to narrate the room to acknowledge where expectations are being met. There is an organised routine for ending lessons.

### Great Learning: **Activating** hard thinking

Lessons begin with spaced retrieval practice through the Do Now.

We introduce content by sharing the big picture, small picture and key learning ideas, threshold concepts and powerful knowledge with our students.

We present new content through chunking and giving an explanation, considering cognitive load and link new content to prior knowledge. Our explanations include examples & nonexamples as well as worked examples.



We check for understanding by asking lots of questions, using techniques such as think, pair, share, show-me boards and cold calling. We correct misconceptions with right is right. Students are given feedback and encouraged to say it again better.

We use live modelling, often using a visualiser.

We get the learning to stick using the modelling handover: I do, We do, You do. We support students to move from guided practice to independent practice and we circulate with live marking and show call.

Adaptive teaching: Creating a supportive environment Using whole-class feedback, we adapt our teaching.

We provide scaffolding and support, including the use of structure strips and writing frames.

Students who have been absent are supported through our attendance marginal gains.

We support all students to be able to read aloud in lessons through whole-class reading routines and our reading consistencies.

We circulate to spot and correct misconceptions.

We work with teaching assistants in tandem to support some students' learning.

Our planning is informed by a wide range of assessment data and SEND information, enabling us to aim high, plan support and teach to the top.

# **Person Specification**

Qualifications and Training	Essential/Desir
Good honours degree	E
Qualified Teacher Status	E
Regular CPD, including evidence or recent leadership and management development	E
Evidence of further professional study, e.g. MA, MSc or NPQML/SL	D
Knowledge and Experience	
Experience as a terrific teacher	E
Experience of being coached	E
Knowledge of curriculum design and enactment, including the National Curriculum and Ofsted Curriculum Research Reviews	E
Knowledge of curriculum enactment	Е
Thorough understanding of Teach Like a Champion by Doug Lemov and its effective implementation	E
Understanding of the statutory responsibilities for children with SEND	Е
Up-to-date knowledge of the most effective strategies to support children with SEND and those entitle to pupil premium	ed E
Experience of being a great team player and leader	E
A track record of great outcomes	D
Experience of presenting CPD	D
Experience of teaching and/or leadership at more than one school	D
Experience of working in a Trust	D
Personal and Interpersonal Qualities	
Be a good human being	E
Work hard and be kind	E
Live the ethos of our four pillars	E
Have an enthusiasm, drive and love for the job but recognise that it is a job and you also need a life	E
Have a commitment to education as a tool for improving the life-chances of children	E
Have a high level of emotional intelligence and self-awareness	E
Be a passionate and innovate advocate for teaching and learning	Е
Be an inspiring teacher with the energy and creativity to motivate a class	E
Be a significant presence	E
lave excellent communication skills, both in writing and in person	E
lave an ability to form and maintain positive relationships	Е
Be a good motivator	E
lave an ability to prioritise between what is urgent and what is important	E
Be able to think and plan strategically	E
Be organised	Е
Be committed to the ethos and values of the trust	E
Have a good sense of humour	D

The Ted Wragg Trust is committed to safeguarding and promoting the welfare of children and expects all staff and volunteers to share this commitment. All offers of employment are subject to an Enhanced DBS check, and where applicable, a prohibition from teaching check will be completed for all applicants.



# **Growing great people**

Our aim is to be the greatest place to work in the South West. We know that to succeed in our mission, we must invest in and grow great people. Our comprehensive suite of development opportunities are available for everyone, whether you are just starting in your career or an experienced leader, there will be a development pathway to suit you.

Tim Rutherford - Deputy CEO

We know to be the greatest place to work we must welcome great people, retain great people and develop great people.

Click on the areas below to find out about our comprehensive benefits and development opportunities.



In our Trust, we are committed to nurturing a workplace where our employees feel that they belong. We believe that the culture of our trust thrives when individual differences are embraced so that everyone feels comfortable and confident in being who they are. This is supported through ensuring inclusivity in culture and equity in opportunities. We are committed to high quality and reflective employment practice so that we attract, retain and grow employees from diverse backgrounds and communities.

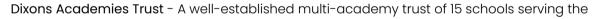
### **Our Journey**



Professor Ted Wragg, in whose memory the Ted Wragg Trust is named, was passionate about how education can transform young people's futures.



**Our Partnerships:** Our ongoing partnerships with the following organisations creates opportunities in our Trust to access development and wider networks with some of the best schools, Trusts and leaders across the country.





communities of West Yorkshire and the North West whose mission is to lead educational improvement in the region through high performing academies which value diversity and maximise student achievement.



Cabot Learning Federation – A multi-academy trust of over twenty academies serving communities in the South West of England. Valuing collaboration and ambition, the Trust works to accelerate school improvement and embed excellence in their academies.



Reach Academy Feltham –Reach believe in the power of all through, cradle to career, education, focusing on providing seamless transition from their nursery through to their Sixth Form.



# Recruitment Pack

Thank you for your interest!

