Summary of UK Teacher Standards and How AI Can Support Them

# Part One: Teaching

## 1. Set High Expectations Which Inspire, Motivate and Challenge Pupils

* Establish a safe and stimulating environment for pupils, rooted in mutual respect
	+ AI Support: AI-powered classroom management tools, can monitor student behaviour and engagement, providing real-time feedback to help create a safer and more stimulating environment. It can also look at patterns of behaviour incidents to try to predict future events.
* Set goals that stretch and challenge pupils of all backgrounds, abilities, and dispositions
	+ AI Support: AI platforms like Century Tech or Smart Revise can analyse student data to set personalised learning goals that are challenging yet achievable for each pupil.
* Demonstrate consistently the positive attitudes, values, and behaviour which are expected of pupils
	+ AI Support: AI-powered classroom management tools, can monitor student behaviour and engagement, providing real-time feedback to help create a safer and more stimulating environment. It can also look at patterns of behaviour incidents to try to predict future events.

## 2. Promote Good Progress and Outcomes by Pupils

* Be accountable for pupils’ attainment, progress, and outcomes
	+ AI Support: AI analytics can track student progress and outcomes, providing data to hold teachers accountable and inform adjustments.
* Be aware of pupils’ capabilities and their prior knowledge, and plan teaching to build on these
	+ AI Support: AI platforms can assess students’ prior knowledge and learning capabilities, helping teachers tailor their lesson plans accordingly.
* Guide pupils to reflect on the progress they have made and their emerging needs
	+ AI Support: AI-based self-assessment tools can help students reflect on their progress and identify areas for improvement. A chatbot could be created to talk to students about their progress and help them to identify their strengths and needs
* Demonstrate knowledge and understanding of how pupils learn and how this impacts on teaching
	+ AI Support: AI can provide insights into learning patterns and preferences, allowing teachers to adapt their teaching methods.
* Encourage pupils to take a responsible and conscientious attitude to their own work and study
	+ AI Support: AI tools can gamify learning and provide personalised incentives, such as those found in platforms like Duolingo and Smart Revise, encouraging students to take responsibility for their studies.

## 3. Demonstrate Good Subject and Curriculum Knowledge

* Have a secure knowledge of the relevant subject(s) and curriculum areas, foster and maintain pupils’ interest in the subject, and address misunderstandings
	+ AI Support: AI tutoring systems can assist teachers in delivering content and addressing student misconceptions. AI can be used to help teachers to understand the curriculum area and provide an “expert” to talk to, to explain concepts.
* Demonstrate a critical understanding of developments in the subject and curriculum areas, and promote the value of scholarship
	+ AI Support: AI systems which utilise up to date information from the Internet can provide a conversation to critically discuss developments in the subject. *Can generate fake references so need to be careful.*
* Demonstrate an understanding of and take responsibility for promoting high standards of literacy, articulacy, and the correct use of standard English, whatever the teacher’s specialist subject
	+ AI Support: AI tools such as Grammarly can provide grammar and literacy support across subjects.
* If teaching early reading, demonstrate a clear understanding of systematic synthetic phonics
	+ AI Support: AI-powered phonics programmes can aid in teaching systematic synthetic phonics effectively. AI can give suggestions of SSP related activities for a topic.
* If teaching early mathematics, demonstrate a clear understanding of appropriate teaching strategies
	+ AI Support: AI-driven maths tutoring programmes can assist in teaching early mathematics through interactive and adaptive learning methods. AI can suggest teaching strategies to be used within the classroom.

## 4. Plan and Teach Well-Structured Lessons

* Impart knowledge and develop understanding through effective use of lesson time
	+ AI Support: AI can help optimise lesson plans and time management, ensuring effective use of classroom time through tools like Oak Academy’s AI lesson planning tool.
* Promote a love of learning and children’s intellectual curiosity
	+ AI Support: AI can provide personalised and engaging learning experiences that foster curiosity
* Set homework and plan other out-of-class activities to consolidate and extend the knowledge and understanding pupils have acquired
	+ AI Support: AI can generate and mark homework assignments, providing instant feedback to students using tools like Google Classroom. AI can set additional tasks using platforms like Smart Revise based on what the student needs to work on.
* Reflect systematically on the effectiveness of lessons and approaches to teaching
	+ AI Support: AI analytics can provide feedback on lesson effectiveness and suggest improvements. If given a transcript or recording of the lesson, AI could act as a mentor / coach giving feedback or asking the teacher questions to reflect on their lesson
* Contribute to the design and provision of an engaging curriculum within the relevant subject area(s)
	+ AI Support: AI tools can assist in curriculum design by offering data-driven insights and recommendations.

## 5. Adapt Teaching to Respond to the Strengths and Needs of All Pupils

* Know when and how to differentiate appropriately, using approaches which enable pupils to be taught effectively
	+ AI Support: AI can help differentiate instruction by providing personalised learning paths for each student or providing supporting materials for a task.
* Have a secure understanding of how a range of factors can inhibit pupils’ ability to learn, and how best to overcome these
	+ AI Support: AI can identify potential learning barriers and suggest strategies to overcome them
* Demonstrate an awareness of the physical, social, and intellectual development of children, and know how to adapt teaching to support pupils’ education at different stages of development
	+ AI Support: AI can provide developmental insights and recommend age-appropriate teaching strategies
* Have a clear understanding of the needs of all pupils, including those with special educational needs; those of high ability; those with English as an additional language; those with disabilities; and be able to use and evaluate distinctive teaching approaches to engage and support them
	+ AI Support: AI can offer tailored support and resources for diverse learning needs, including SEN, high ability, EAL, and disabilities

## 6. Make Accurate and Productive Use of Assessment

* Know and understand how to assess the relevant subject and curriculum areas, including statutory assessment requirements
	+ AI Support: AI assessment tools can ensure compliance with statutory requirements and provide accurate evaluation. It removes the bias associated with teacher marking.
* Make use of formative and summative assessment to secure pupils’ progress
	+ AI Support: AI can facilitate both formative and summative assessments, providing real-time insights into student progress through tools like Formative.
* Use relevant data to monitor progress, set targets, and plan subsequent lessons
	+ AI Support: AI analytics can track student data, helping set realistic targets and inform future lesson plans
* Give pupils regular feedback, both orally and through accurate marking, and encourage pupils to respond to the feedback
	+ AI Support: AI can provide automated and personalised feedback, encouraging students to engage with and respond to their assessments

## 7. Manage Behaviour Effectively to Ensure a Good and Safe Learning Environment

* Have clear rules and routines for behaviour in classrooms, and take responsibility for promoting good and courteous behaviour both in classrooms and around the school, in accordance with the school’s behaviour policy
	+ AI Support: AI systems like ClassCharts can help enforce classroom rules and routines by monitoring and reporting behaviour.
* Have high expectations of behaviour, and establish a framework for discipline with a range of strategies, using praise, sanctions, and rewards consistently and fairly
	+ AI Support: AI can provide behaviour management tools that suggest and track the use of praise, sanctions, and rewards
* Manage classes effectively, using approaches which are appropriate to pupils’ needs in order to involve and motivate them
	+ AI Support: AI can recommend classroom management strategies tailored to the specific needs of the students
* Maintain good relationships with pupils, exercise appropriate authority, and act decisively when necessary
	+ AI Support: AI can offer communication tools to help maintain positive relationships and provide guidelines for decisive action when needed.

## 8. Fulfil Wider Professional Responsibilities

* Make a positive contribution to the wider life and ethos of the school
	+ AI Support: AI can help coordinate extracurricular activities and community engagement initiatives
* Develop effective professional relationships with colleagues, knowing how and when to draw on advice and specialist support
	+ AI Support: AI can facilitate professional networking and knowledge sharing among educators. AI can support with role play before conversations with colleagues take place.
* Deploy support staff effectively
	+ AI Support: AI can assist in the optimal deployment of support staff based on real-time needs and data. AI can create summaries of lesson plans suitable for support staff.
* Take responsibility for improving teaching through appropriate professional development, responding to advice and feedback from colleagues
	+ AI Support: AI can recommend professional development resources and track progress
* Communicate effectively with parents with regard to pupils’ achievements and well-being
	+ AI Support: AI can streamline parent-teacher communication, providing updates on student achievements and well-being through tools like ClassDojo. AI can support with written communication with parents by adjusting the tone of writing.

# Part Two: Personal and Professional Conduct

## Professional Conduct and Ethics

* Treat pupils with dignity, building relationships rooted in mutual respect, and at all times observing proper boundaries appropriate to a teacher’s professional position
	+ AI Support: AI can provide guidelines and reminders to help teachers maintain professional boundaries and respectful relationships
* Have regard for the need to safeguard pupils’ well-being, in accordance with statutory provisions
	+ AI Support: AI tools can monitor for safeguarding issues and alert authorities as needed.
* Show tolerance of and respect for the rights of others
	+ AI Support:
* Not undermine fundamental British values, including democracy, the rule of law, individual liberty, and mutual respect, and tolerance of those with different faiths and beliefs
	+ AI Support: AI can provide educational resources that promote British values and cultural understanding
* Ensure that personal beliefs are not expressed in ways which exploit pupils’ vulnerability or might lead them to break the law
	+ AI Support: AI monitoring systems can ensure that personal beliefs are expressed appropriately within the educational context

## Professional Responsibilities

* Have proper and professional regard for the ethos, policies, and practices of the school in which they teach, and maintain high standards in their own attendance and punctuality
	+ AI Support: AI can track and report on teacher attendance and punctuality, ensuring high standards
* Have an understanding of, and always act within, the statutory frameworks which set out their professional duties and responsibilities
	+ AI Support: