

VISION (INTENT) (*Think it. Believe it. Live it.*)

Every child is loved by God and is educated for wisdom, aspiration and global citizenship to thrive in our community through a culture of dignity and respect. Their gifts, talents and wellness are cultivated with knowledge, skills and wisdom to live life purposefully in all its fullness: sadness, struggles, joys, celebrations so that the "children of this world are in their generation wiser than the children of light (Luke, 16. 8)

MISSION (INTENT)(*Think it. Believe it. Live it.*)

In the eyes of God every child matters, every moment of every day and through our teaching "the child grew and became strong; he was filled with wisdom..." (Luke 2:40) At Buckden we are educating for sustainability in a progressive, student-centred way. We are focused on preparing young people to thrive in a changing world. Our carefully researched educational approach is designed to ignite a love for lifelong learning, a joyful, wonderful journey, and teach our students the skills we believe are required to thrive now and in the future.

VALUES (INTENT)(*Think it. Believe it. Live it.*)

Creativity
Compassion

Resilience
Thankfulness

Collaboration
Koinonia- Community

Friendship
Dignity

Forgiveness
Wisdom

Agape – Love
Hope

Objectives (INTENT) - educating for sustainability in a progressive, student-centred way. We are focused on preparing young people to thrive in a changing world. Our carefully researched educational approach is designed to ignite a love for lifelong learning, a joyful, wonderful journey, and teach our students the skills we believe are required to thrive now and in the future.

ACADEMIC

Intent: to develop intellectual knowledge, skills, understanding & curiosity

Specifically provide opportunity to:

- develop language and communication skills
- acquire fluency in mathematical concepts
- think critically, reason, evaluate and problem solve
- gain scientific knowledge; develop understanding about the uses and implication of science and technologies today and in the future
- be creative and perform to an audience, to change or create something new
- cultivate digital literacy
- utilise fine and gross motor skills
- be curious about the human and physical world around use
- understand significance of the past
- cultivate character, ambition and healthy competition
- understand the world and their role in changing the future
- confidence and independence to embrace a challenging, deep curriculum
- their ability to examine in detail information,
- to justify opinions by making judgements, assessing validity & quality of ideas

CHRISTIAN LIFE

Intent: to develop spirituality & faith (Think it. Believe it. Live it)

Specifically provide opportunity to:

- be inspired by moments of awe and wonder
- think critically about their beliefs and actions
- consider Christian perspectives on life
- answer existential, or 'big' questions
- respond to God through worship
- seek solace and support from their faith
- respond creatively to their life experiences
- foster deep respect for others' beliefs to enable them to thrive and flourish, embracing both success and challenge, prepared for "Life in all its Fullness" (John 10:10)
- to gain understanding and knowledge and empathy to become confident, caring and active members of society "Love your neighbour as yourself" (Mark 12:31)

WELLBEING

Intent: To develop physical, social and emotional health

Specifically provide opportunity to:

- feel safe and cared for
- become resilient
- develop high self esteem
- be physically and mentally healthy
- acquire optimistic outlook
- build positive relationships with themselves and others and: have confidence to take small risks
- to be able to collaborate with others effectively
- overcome barriers to good health, care and education
- develop empathy and contribute as a global citizen
- Ensure our extra-curricular offer (lunchtimes and after school) is accessible to all, and responsive to children's needs, interests and aspirations

Science - Strategies (IMPLEMENTATION-What is being taught specifically in Geography)

ACADEMIC

The Buckden primary science curriculum has been aligned where possible with our Sustainable Development Goal curriculum to allow science learning to take place within a meaningful context for the children. Both knowledge and working scientifically skills follow a clear progression across year groups and build on prior learning. Knowledge is taught to give children a firm understanding of facts which can be further embedded by exercising working scientific skills to conduct all five enquiry types. Teaching of knowledge is conducted in interesting and active ways utilising drama, model making, artwork, making videos or presentations. Practical investigations and enquiries are often child led, hands on and utilise the outdoors as much as possible. Questioning drives science learning. Children are encouraged to ask their own questions and teacher questions carefully extend a child's thinking and learning experiences. The overall goal of science at Buckden is to nurture a child's curiosity and provide them the opportunities to become young scientists.

CHRISTIAN LIFE

Our Buckden christian values are embedded in everyday school life and develop the necessary skills to become considerate learners. Science learning takes place individually, in pairs, small groups or as a whole class. Lessons will require children to take turns, to wait patiently at times, to share resources and to support others. Often children will need to listen carefully and respectfully to their peers and to challenge or support in an encouraging way. These actions will require all children to be mindful of the needs of others, to show kindness and encouragement where necessary and to learn to compromise in certain situations. The science curriculum teaches children to wonder at the magnificence of the planet that they live on. Children can appreciate God's planet, plant life, the animal kingdom, the Universe, the great scientists and all of their discoveries leading to the advancement of materials, medicines and inventions. Children can explore how organisms evolve and how conservation is crucial to looking after the planet in the future.

WELLBEING

Science lessons at Buckden allow children to be active, imaginative, to wonder, to explore and to ask and answer questions. This approach is taken across all age groups to promote an ownership of learning. Children are naturally inquisitive with open minds. Allowing children to follow their intuitive enthusiastic approach to explore their own ideas provides a safe learning space and promotes a child's wellbeing. Providing children opportunities to share their thinking and to voice their understanding and ideas promotes a child's self-esteem and confidence. A confident learner is a happy learner. Children who are more introvert or who find it more difficult to express their understanding either verbally or in a written format are provided with opportunities to present their work in a way that is more suited to them. Scientific understanding can be portrayed through art and model making or thoughts can be scribed for a child to remove any anxieties they may otherwise experience.

Outcomes - What will our children look like? (IMPACT)

Resilient; Inquisitive; Reflective; Challenged; Aspirational; Confident; Creative; Content; Articulate; Compassionate; Proactive; Informed; Engaged; Generous; Self-sufficient; Kind; Respectful; Caring; Tolerant; Dependable; Thriving; Forgiving; Honest; Independent; Educationally qualified (to their potential); Vigilant; Self-aware; Global Citizen

