**Key Stage Two**

**Key Skills**

Key Stage 2

**In Science we will:**

* Think about ‘What will happen if…….?’
* Ask questions that can be investigated
* Plan an investigation making decisions about the things that can change (the variables)
* Carry out investigations thinking about the equipment we use, the accuracy of our readings

and how we record them

* Record results from our investigations in a variety of ways such as photographs, charts,
* tables and graphs
* Describe the evidence that we have collected looking for a pattern
* Explain our evidence using scientific vocabulary
* Think about whether we can trust our results
* Think about how our investigation could be improved

**In ICT we will:**

* Find and interpret information from a variety of sources
* Check for accuracy and relevance
* Give instructions to make things happen
* Explore models and simulations
* Generate and test a hypothesis
* Communicate using a broader range of channels of communication e.g. presentation, email,

blogs, video conferencing, text images and sounds

* Understand the benefits of ICT
* Select the right tools for the job
* Use ICT to draft, try things out, develop and refine ideas on screen
* Evaluate and modify our work
* Understand the need to be safe and responsible online

**In Art we will:**

* Investigate, record and develop our ideas by collecting information in our sketch books
* Learn to use different materials and tools (including ICT) to create our art work
* Adapt our own work after discussing, comparing and learning from our own and others work
* Learn more about the visual and tactile elements such as colour, line and shape etc and how

to use them

* Look at art, craft and design from different times and cultures and use this to help in

developing our own work

**In Design Technology we will:**

* Investigate and evaluate products to help generate ideas for our own work
* Make detailed plans for our ideas showing what we want to achieve and how to do it
* Use our plans to make products, evaluating and adapting our ideas as we work
* Work with tools and equipment safely and accurately to measure and mark, cut and shape,

join and combine and decorate and finish different materials

* Learn about how different materials and mechanisms can be used for a purpose

**In Geography we will:**

* Find out about and describe different places throughout the world using a range of

information including ICT

* Identify and explain physical and human features and processes in different places
* Investigate the ways in which people can have an effect on environments throughout the

world

* Apply fieldwork skills, using instruments and technique in the outside environment
* Use atlases, maps, globes and plans in our studies
* Draw maps and plans of real places
* Look at and discuss different views that individuals may have about current environmental

issues

**In History we will:**

* Learn to place events, people and historical changes into correct periods of time
* Find out about people, events and changes that happened in the past to identify and

describe reasons for what happened

* Look at how the past is represented and interpreted in different ways and to give our

reasons

* Find information from different historical sources to help us to ask and answer questions

about the historical period we are studying

* Organise and communicate our historical information in different ways

**In Music we will:**

* Perform using our voices and musical instruments in lots of ways, using symbols to represent

sounds and writing our music down

* Compose using sounds, rhythms and patterns, making music with different moods and

effects

* Listen to and talk about our own music and the work of others, describing how it makes us

feel, what we liked about it and how it could be improved

* Learn that music has structure e.g. beginning, middle, end and many other elements

including: loud/soft, fast/slow, high/low, etc

**In PSHE we will:**

* Develop our understanding of ourselves and others and understand about showing

compassion and empathy

* Consider our future lives, our needs and wants including an understanding of economic well

being

* Explore decision making, develop skills of questioning, negotiating and compromising and

how to participate in a positive way

* Explore and develop ways of identifying and dealing with risks including those associated

with drugs, tobacco and alcohol

* Begin to understand the changes that are happening to our bodies and our emotions
* Explore our own values and attitudes towards moral dilemmas
* Understand the diversity in our community, our country and the world and value others

**In Physical Education we will:**

* Learn the skills and tactics we need to play different types of games (invasion, striking and

fielding and net and wall)

* Learn the skills and apply compositional ideas in gymnastics and dance activities
* Learn that PE and sport is part of a healthy, active lifestyle
* Think about how we use our body in different activities and make appropriate decisions
* In games, think about how to plan to beat the opponent
* In gymnastics, think about making our actions precise and as accurate as possible
* In dance, think about communicating ideas, concepts and emotions through movement
* In athletics, think about how to produce the best possible performance in relation to fastest,

longest, highest, nearest

* In outdoor and adventurous activities think about how to solve problems and overcome

challenges