

Space

Exploring space will instil a sense of awe and help the children to understand their place in the universe.

DT

I understand the importance of key inventions and have researched model vehicles.

I have designed and made a moon buggy.

I can communicate ideas using annotated diagrams.

I can justify design ideas, taking my target age group into consideration.

Computing

I can identify that drawing tools can be used to produce different outcomes.

I can discuss how vector drawings are different from paper-based drawings.

I can recognise that vector drawings are made using shapes.

I can explain that each element added to a vector drawing is an object.

I can explain how alignment grids and resize handles can be used to improve consistency.

I can recognise when I need to group and ungroup objects.

Music

I have evaluated a variety of popular music tracks.

I can improvise melodic patterns.

I can use dotted crotchets, quavers and semi-quavers in 4/4.

Science

I know the shape of the Sun, Earth and Moon.

I can describe the movement of Earth and the other planets in our solar system.

I understand that gravity is the force that makes unsupported objects fall.

I know that friction, water resistance and air resistance are forces that slow down moving objects.

I know light travels in straight lines.

I know objects are seen because they produce or reflect light.

I know why shadows have the same shape as the objects that cast them.

I know that levers, pulleys and gears multiply force.

Spanish

I know the months of the year.

I can ask the date of someone's birthday and say when mine is.

I can ask what the date is and give the date to someone else.

RE

I understand what it means to be loyal and steadfast in the context of Christianity.

I understand what it means to be hopeful and visionary in the context of Christianity and Islam.

Hillstone Life Skills

I know there are a range of different factors that contribute to a person's identity; race, religion, gender, hobbies, interests, dislikes.

I know that stereotypes are often inaccurate.

I know the importance of challenging stereotypes.

I understand different skills and training are required for different jobs.