



Human Dignity - SCIENCE

We are all unique and should treat everyone with love and respect because we are made in the image of God.

7A - Understanding the complexity of life affirms the value of each person, this is covered when pupils study the topic of cells, helping pupils to appreciate the uniqueness of human life

8J - Pupils learn about technologies like hearing aids and glasses in how they can be used to help restore dignity.

Year 10 - Pupils learn about stem cell treatment, the ethical and religious concerns in regards to their creation and use.

Year 11 - Pupils discuss the use of embryo screening for genetic disorders and the ethical and religious concerns about what decisions this could cause for parents.

Common Good



Doing what is good for everybody, not just ourselves.
We need to think of everyone, and work towards what's best for everyone.

7G - Pupils learn about states of matter which helps them to understand the importance of having cleaner air and water. Along with ensuring land is not being polluted.

7J - Pupils understand the use of electricity for many different things at home. They discuss the importance for examples such as in schools, hospitals, fire and police stations and shops.

8G- Pupils learn about the uses of materials being important in all sorts of buildings and objects that can link to housing, transport, and medical care.

9E - Pupils learn about stewardship of Earth's resources being essential for future generations.

9I - Pupils develop knowledge of how physics can help design safer transport systems.

Year 10 - Pupils discuss treatments for



Solidarity

We are all part of one family, by promoting peace and justice, we can bring the community together and live in unity.

8A - Pupils learn where food is coming from and that there may be situations where there is not enough food available for all communities.

Year 10 - Pupils consider our current energy demands are and what available energy resources we can use. This links to the impacts it could have for future generations, especially linked to non renewable energy resources.

Year 11 - Pupils consider the impacts we are making on Earth due to the significant recent increase in the human population, resources and the impacts of pollution are considered.

Year 11 - Pupils learn about global climate change, the impacts this can have on Earth and they consider how humans are contributing towards this and their carbon

Subsidiarity



Decisions are made at the most appropriate level so that all those affected can contribute and have a voice.

9B - Pupils learn that photosynthesis and farming techniques, which can help to ensure there is enough food for all.

Year 10 - Pupils consider the ethical and religious implications of using replacement heart valves taken from human donors, cattle and pigs.

Year 11 - Pupils discuss how we are able to access clean water and what happens to our waste water.

Year 11 - Pupils discuss the Life Cycle Assessment (LCA) which is the environmental impacts of getting raw materials, making a product, using, reusing and maintaining the product, along with disposing of it.