

SCIENCE FAIRS	01	02	03	04	05	06	07
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Social sciences

Sciences that study the various facets of human beings.

Anthropology

Science of man which is concerned with widely ranging aspects of the human condition.

Biological or physical anthropology

The study of the human species, past and present, as biological phenomena. It focuses on the reconstruction of humans and the study of biological variations within the human species.

Project ideas

Prehistoric man

Are IQ tests culturally based?

Explaining the different colours of skin

The study of human health through the genetics of populations

Cultural and social anthropology

Science that focuses on the comparative study of habits acquired by man as members of society: knowledge, beliefs, arts, rights, morals, customs.

Project ideas

The Great Pyramid of Kheops

What rules determine people's behaviour in certain places (e.g. busses, waiting rooms, libraries)?

How have communications among humans changed since the advent of the Internet?

Archeology

The study of relationships between material culture and behaviours; the study of ancient people's ways of life and the process by which these ways of life have changed over time.

Project ideas

Is it possible to identify the age of an artefact?

Learning about the diet of ancient people through their vestiges

Treasures of the Titanic

Discovering Quebec's archeological sites

The evolution of Quebec civilization

The Great Pyramid of Kheops

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Ethnolinguistics

Study of non-written language, variations among languages and the social use of language.

Project ideas

Analysis of different jargons in social circles
 Cultural differences and the language that transforms them
 How is language used by a given culture?

Demographics

The study of human or animal populations in relation to their renewal through births, deaths and migration movements, which directly affect the size, structure, renewal, geographical distribution and evolution of populations.

Project ideas

Examining the demographic impact of the genocide in Rwanda
 The migration of native populations of the far north
 Is everyone in Quebec made to live in the big city?

History

The reconstitution and interpretation of facts that have marked the past of a human collectivity.

Project ideas

Scientific discoveries that have significantly changed our daily life.
 European migrations and the destruction of North-American settlements

Psychoanalysis

Method of obtaining a detailed account of past and present mental and emotional experiences and repressions in order to determine the source and to eliminate or diminish the undesirable effects by making the patient aware of their existence, origin, and inappropriate expression in emotions and behaviour.

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Psychology

The study of the mind and the ways of thought, as well as their laws and manifestations (neuropsychology and physiological, health and social psychology).

Project ideas

- Similarities between bulimia and anorexia
- Calculating performance levels at a surprise exam vs. a prepared exam
- Does music increase productivity?
- High energy, hyperactive or lacking attention?
- Is it possible to be affected by the Moon?
- Is multi-tasking beneficial?
- Placebo effect and healing
- The effect of music on delinquency
- Can music affect an individual's stress level?
- Phagotherapy
- Is psychological dependence possible?
- Are stress levels higher under surprise or pre-planned circumstances?
- The profile of a criminal
- Are exam results similar under variable conditions?
- Performance in relation to reaction time
- Do boys and girls learn in different ways?
- Are dreams really significant?
- Adolescents and anorexia
- Factors that affect short-term memory
- Are their functional differences between right-handed and left-handed people?

Industrial relations

Economic, social, individual and collective relations between unions and management, unions themselves, management and government, unions and government, or between employers and unorganized employees in relation to their situations, needs, objective and rights recognized by custom or by law.

Pedagogy

The field of study that concerns itself primarily with the principles and methods of teaching or of learning, especially in formal education.

Project ideas

- Developing exercises that help improve reading among children with learning difficulties
- Mainstreaming: myth or reality within the context of education reform?

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The conditions for applying the education reform to people in difficulty

Sexology

That branch of science which deals with sexuality from a physiological, psychological, sociological and pathological point of view.

Project ideas

How do STDs change adolescents' sexual behaviour?

Sociology

The scientific study of the phenomena arising out of the group relations of human beings.

Project ideas

Dependence as a societal problem

Is rehabilitation profitable?

Gambling and compulsive gamblers

Is human cloning ethical?

E-mail as a new form of communication

The profile of a criminal

The phenomena of virtual friendships

Does the Quebec education system favour girls over boys?

Do socioeconomic factors play a role in violence?

Does violence lead to more violence?

Are robots stealing jobs?

Drivers' behaviour at intersections

What rules determine people's behaviour in certain places (e.g. busses, waiting rooms, libraries)?

Is there a link between violence and being a single parent?