

World Intellectual Property Day 2022,  
IP and Youth: Innovating for a Better Future  
Mauritius, MRIC

# Developing creativity and inventiveness of young people – selected countries experience



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# Growing attention to intellectual property in the world

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The trend of the last decades - the growing attention to IP associated with the importance of intellectual property and its commercialization for the economic development of countries

National governments are taking more and more measures to expand the development and commercialization of intellectual property. This is implemented in:

- ❑ development of infrastructure to support innovation, technology transfer, creation and use of intellectual property: technology transfer centers, centers for patent information and support for patent applications, consultants in the field of patents, copyright;
- ❑ programs to familiarize various groups of the population, including young people, with the importance of IP for business development and creativity;
- ❑ increasing the efficiency of the patent office, including the simplification of filing applications in electronic form;
- ❑ financial, tax measures aimed at the implementation of innovative projects, technology transfer, filing applications and commercialization of IP.

# Innovation and IP development in Mauritius

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In Mauritius, innovation development measures are systematically implemented. A number of strategic documents are devoted to this, such as

- ❑ Mauritius Vision 2030 Innovative and Globally Competitive (2017)
- ❑ National Innovation Framework 2018 -2030 (2018)
- ❑ Industrial Policy and Strategic Plan for Mauritius 2020-2025
- ❑ Digital Mauritius 2030 (2018)
- ❑ Creative Mauritius Vision 2025 (2013) etc.

Of great importance for the development of IP are the new Industrial Property Act 2019, the expansion of the competence of the Industrial Property Office, the creation of the Intellectual Property Council.

Questions of IP development and commercialization, development of IP Office intensively discussed in 2021-2022 in framework of EU Project “Implementation of the Intellectual Property Development Plan in Mauritius”.

Those present are familiar or can read the project's report of the Intellectual Property Development and Commercialization in Mauritius , which was sent to many organizations with specific recommendations.

# Measures on developing creativity and inventiveness of young people

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## **1. *Surrounding by information about IP, importance of IP for business development, the success of technological innovations***

(a) Some countries create a website on Intellectual Property and Technology Transfer with involvement of ministries and offices working with IP with information on:

- ❑ news regarding IP aspects in the country, internationally, abroad;
- ❑ the system of government agencies, other organizations that carry out activities in IP and technology transfer, their contacts;
- ❑ IP legislation;
- ❑ contacts to obtain advice on IP issues for different user groups;
- ❑ links to pages on IP protection and technology transfer for government agencies and organizations in Mauritius;
- ❑ information sources about IP protection and use in business, HEI and RO, by authors and inventors, etc.

(b) Creating sections of websites of ministries, other organizations whose activities are related to IP issues and technology transfer.

## Measures on developing creativity and inventiveness of young people

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### ***2. Developing public and private infrastructure that helps innovative and creative business development, as well infrastructure on support of creation, protection and commercialization of IP***

The financial schemes of MRIC and its consulting support are of great importance in this aspect.

Also traditionally, national patent offices, provide advisory assistance to applicants and assistance in the use of patent information, foreign patenting. As well the importance is patent attorneys and patent agents, technology transfer consultants consultancy, the development of a network of which is relevant to Mauritius.

# Measures on developing creativity and inventiveness of young people

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## ***3. Creating of IP educational portal with the reference to educational resources of WIPO, EU IPO, specific countries - Great Britain, US Patent Offices etc.***

These educational resources and resources for developing creativity and inventiveness are available in some countries for various age of young people and and professional groups:

- a) children, schoolchildren of different age groups;
- b) students - both technical and natural sciences, arts, lawyers, economists. managers;
- c) entrepreneurs who start startups, creative/ technology innovation businesses.

# Children

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Measures to develop creativity and inventiveness in school children include:

- a) Circles of technical creativity in schools and the system of extracurricular development of children. Radio engineering, creation of robots, aircraft models and others.
- b) Quizzes, competitions. National Olympiads in different areas of knowledge. Possibility of enrollment without exams in higher educational institutions for winners of national Olympiads.
- c) Teaching intellectual property course in schools. The Patent Office is developing a curriculum for a short course on IP that is given for schoolchildren of last classes. The corresponding program may be approved by the Ministry of Education.
- d) A lesson on intellectual property issues could be organised in schools on the occasion of the celebration of Intellectual Property Day. In this case, the National Patent Office prepares, in cooperation with school teachers, recommendations for conducting lesson, program, slides, video In particular, I organized the preparation of such materials jointly with the Patent Office of Moldova within the framework of one of the projects.

# Children

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- e) The activity of the Small Academy of Sciences, which is being created in some countries. It is aimed at developing creativity among schoolchildren, in particular, it works in Ukraine. Scientists involve schoolchildren to implement various projects.
- f) Of great importance, in particular in Ukraine, is the holding of a Day of Science, which is organized every year as a national public event by the National Academy of Sciences of Ukraine, the Ministry of Education and Science and includes numerous events, including a national exhibition of research and development results, as well an exhibition of projects of technical creativity of schoolchildren.
- g) To develop the creativity of schoolchildren. knowledge of IP, the information resources of a number of countries, WIPO, can play an important role. I will bring examples.



# Children

## United Kingdom Cracking Ideas

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Web resource [Cracking Ideas](#) by the Intellectual Property Offices aims to foster creativity and innovation in young people. Through free classroom packs, competition and games the website resources aim to bring creative invention and discussion into the classroom.

The resources are divided for:

- ❑ [early years](#)
- ❑ [Pre-K and Kindergarten Primary](#)
- ❑ [Elementary](#)
- ❑ [middle school](#)
- ❑ [secondary](#)
- ❑ [high school](#)
- ❑ [Whole school](#)

# Children

## United Kingdom Cracking Ideas

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### How to help young inventors find their creative spark

The great inventors of the future are in our classrooms so teachers should nurture their curiosity, say experts

11 FEB 2021



### 7 unexpected ways to teach intellectual property

Understanding how to protect ideas needn't be a dry legal exercise - try these engaging approaches to explore IP with your students

24 MAR 2021



### 7 practical ways to teach students about piracy

Putting students in the shoes of creators whose work is shared illegally can help to teach them about online piracy

6 MAY 2021

# Children

## United Kingdom Cracking Ideas

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### Think Kit - Music



IPO Education

Think Kit Music Ages 14+

FREE

☆☆☆☆☆ (0)

### Think Kit - D&T



IPO Education

Think Kit Design & Technology Ages 14+

FREE

☆☆☆☆☆ (1)

### Design & Technology



Inspiring innovation

Intellectual property  
in product design



IPO Education

Design and Technology  
Ages 14+

FREE

### Business Battle



# Children

## United Kingdom Intellectual property facts for kids.

### Kids Encyclopedia Facts



## Intellectual property facts for kids

[Kids Encyclopedia Facts](#)

**Intellectual property (IP)** refers to the [ownership](#) of an [idea](#) or [design](#) by the person who came up with it. It is a term used in [property law](#). It gives a person certain exclusive [rights](#) to a distinct type of creative design, meaning that nobody else can copy or reuse that creation without the owner's permission. It can be applied to [musical](#), [literary](#) and [artistic](#) works, discoveries and [inventions](#). Common types of intellectual property rights include [copyrights](#), [trademarks](#), [patents](#), industrial design rights and [trade secrets](#).

The term *intellectual property* dates from the 19th century. Before that, patent laws were first made under the Statute of Monopolies 1623 and copyright laws were first seen in the Statute of Anne in 1710. Modern usage of the term





# Children

## IP IS everywhere! - USPTO Kids

The image is a screenshot of the USPTO Kids website. At the top, the USPTO logo is on the left, and navigation links for 'About Us', 'Jobs', 'Contact Us', and 'MyUSPTO' are on the right. A search bar with the text 'Search uspto.gov' is also present. The main content area is divided into several sections. On the left, there are two vertical panels: one for 'Kids' with a lightbulb icon and words like 'smart', 'curious', 'fantastic', and 'remarkable'; and another for 'Teens' with a gear icon and words like 'innovative', 'ingenious', 'tenacious', and 'intelligent'. Below these is a panel for 'PARENTS & TEACHERS' with an icon of hands and words like 'supportive', 'proud', 'encouraging', and 'patient'. To the right of these panels is a large blue banner for '10 MILLION PATENTS! #TheRealMcCoy' featuring a cartoon character. Below the banner is a video player with the title 'Extraordinary Innovations' and a play button. At the bottom, there is a row of seven colorful buttons: 'EVENTS' (blue with a speech bubble), 'DOWNLOADS' (yellow with a downward arrow), 'VIDEOS' (purple with a play button), 'ACTIVITIES' (orange with stars), 'COLLECTIBLES' (yellow with a fan of cards), 'IP PATCH' (yellow with a patch), 'COOL IP' (purple with people icons), and 'LINKS' (blue with a chain link).

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smart curious fantastic remarkable **Kids**

innovative ingenious tenacious intelligent **Teens**

supportive proud encouraging patient **PARENTS & TEACHERS**

**10 MILLION PATENTS!**  
#TheRealMcCoy

Extraordinary Innovations

Копировать...

EXTRAORDINARY INNOVATIONS

Посмотреть на YouTube

EVENTS

DOWNLOADS

VIDEOS

ACTIVITIES

COLLECTIBLES

IP PATCH

COOL IP

LINKS

# Children

## Educational resource WIPO IP4Youth&Teachers

The service kick-starts teachers and learners on their path to IP education by cultivating dialogue among educators, curricula setters, and IP offices by providing access to teaching and learning content. It is also a hub for sharing experiences, policy documents, business cases, and research on the benefits of early introduction to the role of IP in inventiveness and creativity.

### Youth corner



Learn about how inventiveness and creativity shape the world around you through IP.

[Get Started >](#)

### Educators / Teachers



Teaching about IP can be fun with the help of games and interactive stories, focusing on your pupils' creative talents and inventive abilities.

[Get Started >](#)

### Sharing experiences



The WIPO Academy welcomes the sharing of experiences and resources for the youth on the role of IP education in inventiveness and creativity among Member States.

[Get Started >](#)

### Assistance & guidance



The WIPO Academy offers guidance for your youth focused IP education plans.

[Get Started >](#)

# Students

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Activities for students include:

1. Introduction of IP courses for students. In the framework project EU It was prepared two curricula: “Introduction to Intellectual Property Law” and “Intellectual Property Management” . The “Introduction to Intellectual Property Law” course is designed to introduce students to the basic concepts of intellectual property, including its role in innovation, business and creative activity, as well as outlining the application of intellectual property in their future profession.

The course includes a general part for students of all specialties, as well as a focused part for technical and natural sciences, medical sciences students; students of management, marketing specialties; computer science and digital technologies students; students specializing in agriculture; students of humanitarian specializations (culture, journalism, arts, publishing, fashion, design etc.).

The curricula includes a large number of open access learning materials, as well as an indication of information resources on various IP educational topics.

# Students

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2. Student conferences on innovation and IP with the publication of materials.
3. Competition of essays of students on IP.
4. Support in Bachelor's and Master's theses related to IP.
5. Introduction of IP elements into bachelor's and master's theses. This applies to conducting a patent search for students of technical and natural science specialties. Preparation of an application for registration of inventions, utility models, industrial designs within the framework of individual theses of students.
6. Support for the participation of students in programs for the commercialization of the developments of universities and scientific organizations. Participation of students and graduates in the creation of startups.



# Young entrepreneurs

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1. Obtaining professional advice on the protection and use of IP.
2. Advice and support for filing applications for inventions, utility models, industrial designs.
3. Availability of infrastructure and financial opportunities for business development.
  - incubators,
  - financial support schemes for projects,
4. Availability of a list of developments of universities, scientific organizations that are offered for use.
5. Information resources - case studies on starting and running a business using IP. National examples can be posted at the national IP websites as well as links to WIPO case resources. studies, other countries such as Great Britain etc.
6. WIPO, national countries educational resources on IP.

# WIPO Case Studies on Intellectual Property

**WIPO**  
WORLD  
INTELLECTUAL PROPERTY  
ORGANIZATION

[IP Services](#) [Policy](#) [Cooperation](#) [Resources](#) [About IP](#) [About WIPO](#)

[Home](#) > [Resources](#) > [Case Studies](#)

## Case Studies on Intellectual Property (IP Advantage)

The case studies in the IP Advantage database offer insights into how IP works in the real world, and how its successful exploitation can contribute to development.

Simple search

[Advanced search](#)

[Full text search](#)

IP right

Copyright and Related Rights  
Geographical Indications and Appellations of Origin  
Industrial Designs  
Integrated Circuits  
Patents  
Plant Breeders' Rights  
Trade Secrets  
Trademarks  
Utility Models

Focus

\*\*\* Any \*\*\*  
Auditing IP Assets  
Branding  
Commercialization  
Financing  
Franchising  
IP Dispute Resolution  
IP Enforcement / Infringement  
IP Management

Search

# WIPO Case Studies on Intellectual Property



## **BODET: Expanding on time, from clock towers to digital scoreboards**

BODET knows well the importance of protecting its valuable intangible assets, especially when it comes to trademarks.



## **Supporting Environmental Sustainability with GIs: The Case of Madd de Casamance**

Madd de Casamance is an interesting example of how geographical indications (GI) can support the environmental, social and economic dimensions of sustainability and the transition to a green future.



## **Protection of Daio Paper's industrial designs through the Hague System**

Daio Paper Corporation is a paper manufacturer that owns industrial designs. Discover how they leveraged the Hague System to strengthen their global presence.

# Educational resource

## WIPO Academy and WIPO eLearning Center

WIPO eLearning Center suggests on-line training for students and teachers of IP , young entrepreneurs, inventors and creators and other target audiences . Courses combine traditional face-to-face and distance learning methodologies which explains how to stimulate innovation, creativity and development.

### Education and Training Programs Portfolio

Select a program to display related portfolio



WIPO Academy - [DL] Distance Learning Program

[Course Catalog](#)



#### E-Learning platform for IP courses at basic and advanced levels in up to seven languages

Since 1999, we have been offering distance learning courses, covering all aspects of intellectual property (IP), to both professionals and those new to the field.

We are the only institution offering online IP courses in up to seven languages.

Interaction between our students and faculty of renowned academics from universities worldwide, takes place online through forums and e-mail.



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Thank you for your attention