

TRAINING!

BAC BLANC

ANGLAIS

**TERMINALE
TECHNOLOGIQUE**



ANGLAIS – ÉVALUATION 3

Compréhension de l'oral, de l'écrit et expression écrite

L'ensemble du sujet porte sur l'axe 6 du programme : **Innovations scientifiques et responsabilité.**

Il s'organise en trois parties :

1. Compréhension de l'oral

2. Compréhension de l'écrit

3. Expression écrite

Afin de respecter l'anonymat de votre copie, vous ne devez pas signer votre composition, ni citer votre nom, celui d'un camarade ou celui de votre établissement.

Vous disposez tout d'abord de **cinq minutes** pour prendre connaissance de **la composition** de l'ensemble du dossier et des **consignes** qui vous sont données.

Vous allez entendre trois fois le document de la partie 1 (compréhension de l'oral).

Les écoutes seront espacées d'une minute.

Vous pouvez prendre des notes pendant les écoutes.

À l'issue de la troisième écoute, vous organiserez votre temps (**1h30**) comme vous le souhaitez pour rendre compte **en français** du document oral et pour traiter **en anglais** la compréhension de l'écrit (partie 2) et le sujet d'expression écrite (partie 3).

Les documents

Document vidéo

Titre : *Virgin Galactic Company may make space tourism a reality*

Source : CNN Business, November 30, 2018

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1.1

Texte 1

He wanted to go to Mars on the rocket. He went down to the rocket field in the early morning and yelled in through the wire fence at the men in uniform that he wanted to go to Mars. He told them that he was a taxpayer, his name was Pritchard, and he had a right to go to Mars. Wasn't he born right here in Ohio? Wasn't he a good citizen?

5 Then why couldn't *he* go to Mars? He shook his fists at them and told them that he wanted to get away from Earth. There was going to be a big atomic war on Earth in about two years, and he didn't want to be here when it happened. He and thousands of others like him, if they had any sense, would go to Mars. See if they wouldn't! [...]

10 They laughed out through the wire screen at him. He didn't want to go to Mars, they said. Didn't he know that the First and Second Expeditions had failed, had vanished; the men were probably dead?

15 But they couldn't prove it, they didn't know for sure, he said, clinging to the wire fence. Maybe it was a land of milk and honey up there, and Captain York and Captain Williams had just never bothered to come back. Now were they going to open the gate and let him in to board the Third Expeditionary Rocket, or was he going to have to kick it down? They told him to shut up.

He saw the men walking out to the rocket.

Wait for me! he cried. Don't leave me here on this terrible world. I've got to get away; there's going to be an atom war! Don't leave me on earth! [...]

Ray Bradbury, *The Martian Chronicles*, 1950

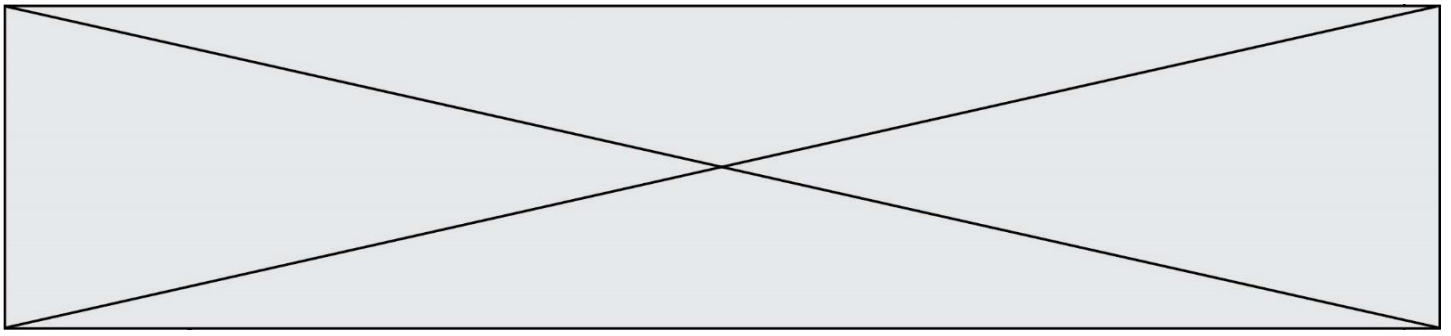
Texte 2

Space law is inadequate for the boom in human activity there

In May Jeff Bezos¹ gave an hour-long presentation on his vision for humanity's future in space: a series of artificial settlements in orbit that would be home to as many as 1m people each. [...] Mr. Bezos identified two elements of this: much lower launch costs and the exploitation of resources in space. But he might have mentioned another,

5 more basic requirement for enterprise: a proper legal environment.

What rules there are largely date from the cold-war era. The Outer Space Treaty of 1967 is the foundational space-law text. It sets out some basic principles, among them that space is free for exploration and use by all states, and that no claims of



10 sovereignty can be made. Later agreements assign liability for damage caused by space objects and require states to help rescue astronauts in distress.

A common thread runs through these texts. They all assume that space is a realm dominated by states, not by companies, let alone individual billionaires. As space industrialises, the gaps in the law are becoming clearer.

15 Debris is much the more pressing issue. NASA, America's space agency, already tracks more than 500,000 pieces of space junk in orbit around Earth. Items that are smaller than a marble are not yet tracked but NASA reckons there are millions; and at velocities of more than 27,000km per hour, even a fleck of paint can cause damage. [...] Launch capabilities are spreading [and] the number of objects in the heavens is about to rocket. The UN²'s Office for Outer Space Affairs says about 8,650
20 objects have been launched into space since Sputnik went up in 1957. SpaceX, a rocketry firm, alone has plans to launch more than 12,000 in a constellation of small satellites known as Starlink. Other constellations are planned. Space tourism may well add to the amount of traffic to be managed. [...]

The Economist, 18 July 2019

¹ CEO of Amazon

² United Nations

1. Compréhension de l'oral (10 points)

En rendant compte, **en français**, du document, vous montrerez que vous avez identifié et compris :

- la nature et le thème principal du document ;
- la situation, les événements, les informations ;
- les personnes (ou personnages), leur fonction ou leur rôle et, le cas échéant, leurs points de vue et la tonalité (comique, ironique, lyrique, polémique, etc.) de leurs propos ;
- les éventuels éléments implicites ;
- le but, la fonction du document (relater, informer, convaincre, critiquer, dénoncer, divertir, etc.).

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1.1

2. Compréhension de l'écrit et de l'ensemble du dossier (10 points)

a- Compréhension du texte 1

Give an account of text 1, **in English** and in your own words, focusing especially on:

- Pritchard, what he wants to do and the difficulty he faces,
- the feelings of the men in uniform and of the main character through the way they address each other.

b- Compréhension du texte 2

Give an account of text 2, **in English** and in your own words, paying particular attention to existing space laws and the evolution of space conquest.

c- Compréhension de l'ensemble du dossier (le document vidéo et les deux textes)

Consider the **three documents** and explain how they illustrate the relationships between scientific innovations and responsibilities.

3. Expression écrite (10 points)

Vous traiterez, **en anglais** et en **120 mots** au moins, l'un des deux sujets suivants, au choix.

Sujet A

You are Lauren/Taylor. You have just won a trip to space at the lottery organized by Virgin Galactic. Write an email to your best friend telling him/her about your feelings, your expectations and the questions raised by that space trip.

Sujet B

Should companies be allowed to make money thanks to space exploration? Weigh the pros and cons and give your opinion.