

© International Baccalaureate Organization 2024

All rights reserved. No part of this product may be reproduced in any form or by any electronic or mechanical means, including information storage and retrieval systems, without the prior written permission from the IB. Additionally, the license tied with this product prohibits use of any selected files or extracts from this product. Use by third parties, including but not limited to publishers, private teachers, tutoring or study services, preparatory schools, vendors operating curriculum mapping services or teacher resource digital platforms and app developers, whether fee-covered or not, is prohibited and is a criminal offense.

More information on how to request written permission in the form of a license can be obtained from <https://ibo.org/become-an-ib-school/ib-publishing/licensing/applying-for-a-license/>.

© Organisation du Baccalauréat International 2024

Tous droits réservés. Aucune partie de ce produit ne peut être reproduite sous quelque forme ni par quelque moyen que ce soit, électronique ou mécanique, y compris des systèmes de stockage et de récupération d'informations, sans l'autorisation écrite préalable de l'IB. De plus, la licence associée à ce produit interdit toute utilisation de tout fichier ou extrait sélectionné dans ce produit. L'utilisation par des tiers, y compris, sans toutefois s'y limiter, des éditeurs, des professeurs particuliers, des services de tutorat ou d'aide aux études, des établissements de préparation à l'enseignement supérieur, des fournisseurs de services de planification des programmes d'études, des gestionnaires de plateformes pédagogiques en ligne, et des développeurs d'applications, moyennant paiement ou non, est interdite et constitue une infraction pénale.

Pour plus d'informations sur la procédure à suivre pour obtenir une autorisation écrite sous la forme d'une licence, rendez-vous à l'adresse <https://ibo.org/become-an-ib-school/ib-publishing/licensing/applying-for-a-license/>.

© Organización del Bachillerato Internacional, 2024

Todos los derechos reservados. No se podrá reproducir ninguna parte de este producto de ninguna forma ni por ningún medio electrónico o mecánico, incluidos los sistemas de almacenamiento y recuperación de información, sin la previa autorización por escrito del IB. Además, la licencia vinculada a este producto prohíbe el uso de todo archivo o fragmento seleccionado de este producto. El uso por parte de terceros —lo que incluye, a título enunciativo, editoriales, profesores particulares, servicios de apoyo académico o ayuda para el estudio, colegios preparatorios, desarrolladores de aplicaciones y entidades que presten servicios de planificación curricular u ofrezcan recursos para docentes mediante plataformas digitales—, ya sea incluido en tasas o no, está prohibido y constituye un delito.

En este enlace encontrará más información sobre cómo solicitar una autorización por escrito en forma de licencia: <https://ibo.org/become-an-ib-school/ib-publishing/licensing/applying-for-a-license/>.

Digital society
Pre-released statement: Global well-being

For use in May 2024

Instructions to candidates

- Pre-released statement required for higher level paper 3.

Access to healthcare and medicine in remote and rural communities

This pre-released statement outlines the real-world nature of a challenge and interventions related to the DP digital society higher level extension. The pre-released statement should be used by candidates to plan and conduct extended inquiries in advance of paper 3.

- Challenge topic(s): Global well-being
- 5 • Area(s) for inquiry: Local and global inequalities

In addition to the information contained in this statement, candidates should also consider relevant connections to additional digital society concepts, content and contexts.

This pre-released statement will extend the concepts and content addressed at standard level. Teachers are recommended to address a number of scenarios within this context.

10 About the challenge

The Organisation for Economic Co-operation and Development (OECD) report *Delivering Quality Education and Health Care to All: Preparing Regions for Demographic Change* noted that remote and rural health is a challenge for healthcare systems. Remote and rural communities face a wide range of health-related challenges, such as the nature of the medical care that can be provided and the distance from substantial healthcare facilities. Governments, in partnership with health authorities, organisations and businesses, have explored ways to reduce these healthcare inequalities. With the continuous evolution of digital systems, it is possible that some of these inequalities can be significantly reduced.

This pre-released statement introduces two digitally based interventions designed to improve access to healthcare in remote and rural communities. Each intervention leads to a range of impacts and implications that should be evaluated using the evaluation framework in the digital society guide, pp.40–41.

In the examination, candidates will be provided with a source booklet containing four sources that provide information relating to a scenario.

25 About the interventions

Intervention 1: Digitally supported community health hub

A physical location will be used as a drop-in community health hub. A trained medical practitioner will be available at this health hub at specified times for basic treatments and the dispensing of medicines. The medical practitioner can also share medical information through online health records and video conferencing facilities with doctors in a hospital in the nearest city.

Intervention 2: Digital home care

Residents will be provided with medical equipment and access to training. When sick, they can use a digital dispensary to order medicines and medical equipment. In cases where there are communications issues, they will be supplied with satellite internet and/or satellite phones. All residents will have online access to their electronic health records through an online portal.

About the stakeholders

These interventions should be considered from the perspectives of different stakeholders. The stakeholders in this global challenge include:

- residents in remote and rural areas
- 40 • medical practitioners in remote and rural areas
- doctors and specialist medical practitioners in the nearest city
- companies that develop and maintain electronic health records.

Additional terminology

Digital dispensary
Digital healthcare
Electronic health records (EHRs)
Levels of access (to confidential information)
Real-time data transmission
Satellite internet
Satellite phones
Store-and-forward (asynchronous) telehealth
Teleconferencing
Wearable technologies
