Map of the book

Unit	Viewing through the lens	Exploring the frontier
		Reading 1
1 Healing with code and care *p2*	**Video:** How can AI make health care better? *p4*	**Text:** Hard questions doctors need to answer *p6* **Cultivating medical thinking:** Reflecting on the role of doctors in AI-assisted medical practice *p10* **Enhancing medical writing:** Writing a medical commentary *p11*
2 Guardians of public health *p28*	**Video:** When antibiotics stop working *p30*	**Text:** Viruses: An unlikely ally *p32* **Cultivating medical thinking:** Assessing phage therapy as a solution to antibiotic resistance and examining other public health crises *p37* **Enhancing medical writing:** Writing a narrative-expository medical essay *p38*
3 Wiring the mind *p56*	**Video:** Breakthroughs in China's brain-computer interface technology *p58*	**Text:** Why is neuroscience important to everyday life? *p60* **Cultivating medical thinking:** Proposing a treatment plan for a patient with brain health problems *p64* **Enhancing medical writing:** Writing popular science in a medical context *p65*
4 Conquering the big C *p84*	**Video:** Progress in cancer treatment *p86*	**Text:** Precision cancer drugs glitter with promise – if you can get them *p88* **Cultivating medical thinking:** Addressing challenges of precision oncology *p93* **Enhancing medical writing:** Introducing a cutting-edge treatment *p94*

Reading 2	Sharpening medical language skills	Navigating medical discourse
Text: AI in medical diagnosis is not just hype *p12*	**Word building:** Word-formation rules for medical terms, and roots and affixes related to body parts, diseases, medical tests, etc. *p17*	Having a panel discussion on the role of AI in health care *p20*
Text: How mRNA is transforming the way we treat illnesses *p39*	**Word building:** Roots and affixes related to bacterial infection, antibody, immune system, etc. *p44*	Designing a public health campaign proposal to advocate for a healthier community *p47*
Text: The brain-computer interface revolution is just getting started *p66*	**Word building:** Roots and affixes related to the nervous system *p71*	Presenting a case study on technological applications in neuroscience *p74*
Text: Standard of care *p95*	**Word building:** Roots and affixes related to cancer diagnosis and treatment *p100*	Designing an academic poster on cancer research *p103*

Reading 2	Sharpening medical language skills	Navigating medical discourse
Text: Battling bladder disorders with regenerative engineering *p121*	**Word building:** Roots and affixes related to regenerative medicine *p126*	Delivering an educational presentation on regenerative medicine *p129*
Text: Bridging the precision gap in diabetes treatment *p147*	**Word building:** Roots and affixes related to genomics and precision medicine *p152*	Simulating a press conference on the pangenome research on Chinese populations *p155*
Text: As a doctor, I see aging differently *p174*	**Word building:** Roots and affixes related to aging, longevity, aging-related diseases, etc. *p179*	Presenting a proposal for building an age-friendly society *p182*
Text: Learning to say goodbye *p201*	**Word building:** Roots and affixes related to narrative medicine and palliative care *p206*	Performing a role-play on enhancing communication in palliative care *p209*