ICT Skills Ladder

Pathfinders 1 / Pathfinders 2

Ict1 Explore digital resources by using hyperlinks and simple menus

Ict2 Use the internet and other digital sources to find out about significant issues, events and people and explore real and imaginary locations

Ict3 Collect, sort, record and represent information to inform investigations and designs

Ict4 Draw conclusions from data collected

Ict5 Identify common uses of information technology beyond school

Ict6 Give instructions to make things happen using programmable devices

Ict7 Use technology purposefully to create, capture, organise, store, manipulate, retrieve and present digital content

Ict8 Try alternatives using a range of tools and techniques to alter text, images and sounds

Ict9 Combine written text with graphics, tables, sound and images and present work appropriately
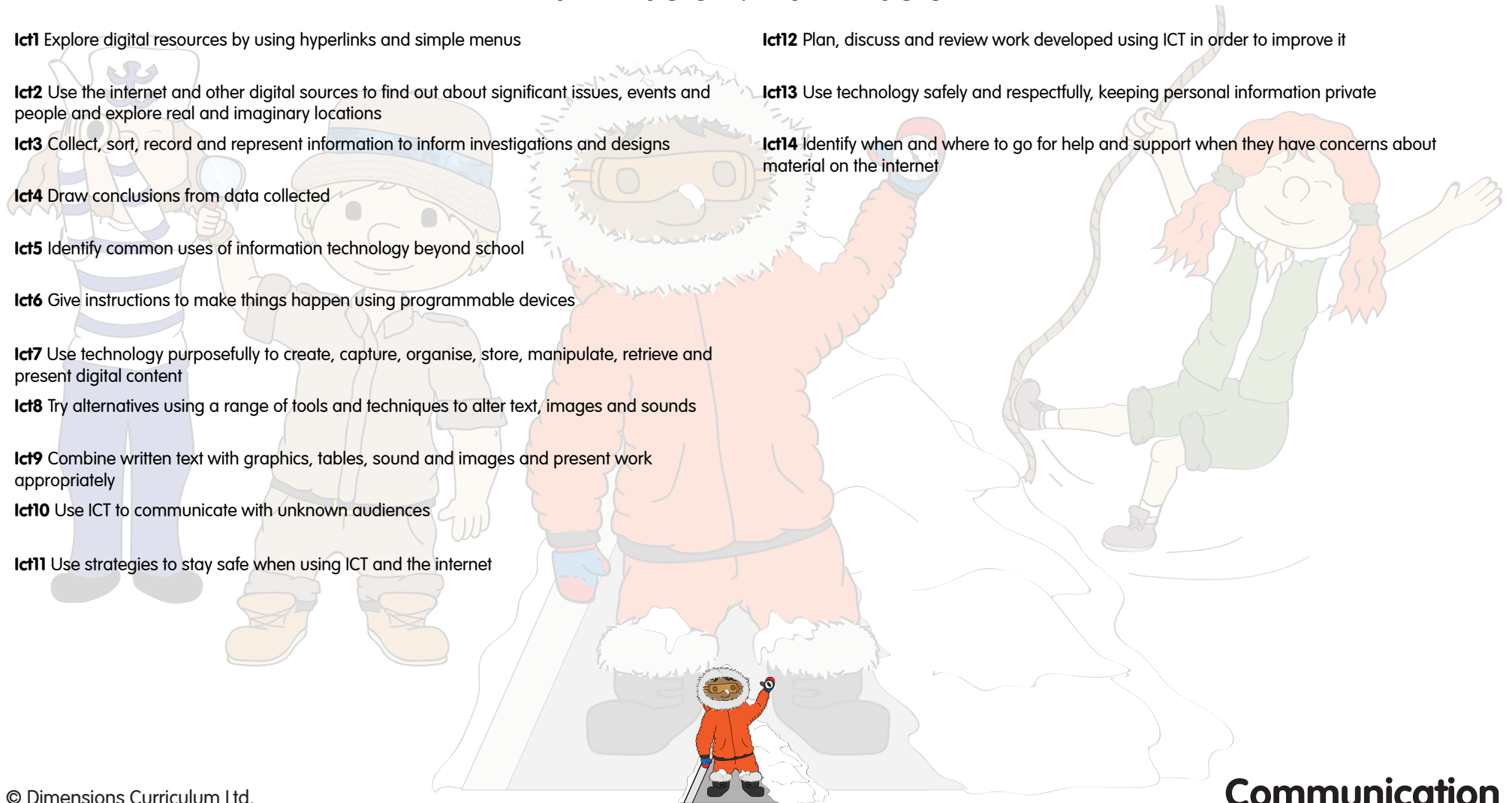
Ict10 Use ICT to communicate with unknown audiences

Ict11 Use strategies to stay safe when using ICT and the internet

Ict12 Plan, discuss and review work developed using ICT in order to improve it

Ict13 Use technology safely and respectfully, keeping personal information private

Ict14 Identify when and where to go for help and support when they have concerns about material on the internet

Communication

ICT Skills Ladder

Adventurers 1 / Adventurers 2

Ict15 Use ICT to explore a range of number patterns and models including changing values and asking "what if?" questions

Ict16 Use ICT to explore alternative ideas in order to refine and improve outcomes and performances

Ict17 Explore alternative approaches to develop and refine work

Ict18 Save and use stored information to follow lines of enquiry

Ict19 Identify how ICT can be used to collect and structure information, including the use of surveys, so that it can be searched and analysed

Ict20 Identify the opportunities computer networks offer for communication and collaboration

Ict21 Verify the accuracy and reliability of the information found, distinguishing between fact and opinion

Ict22 Use key words to search for and select appropriate information from the internet and other digital sources

Ict23 Capture, record and analyse data using sensors in order to support observations and investigations

Ict24 Refine sequences of instructions to control events or make things happen using ICT
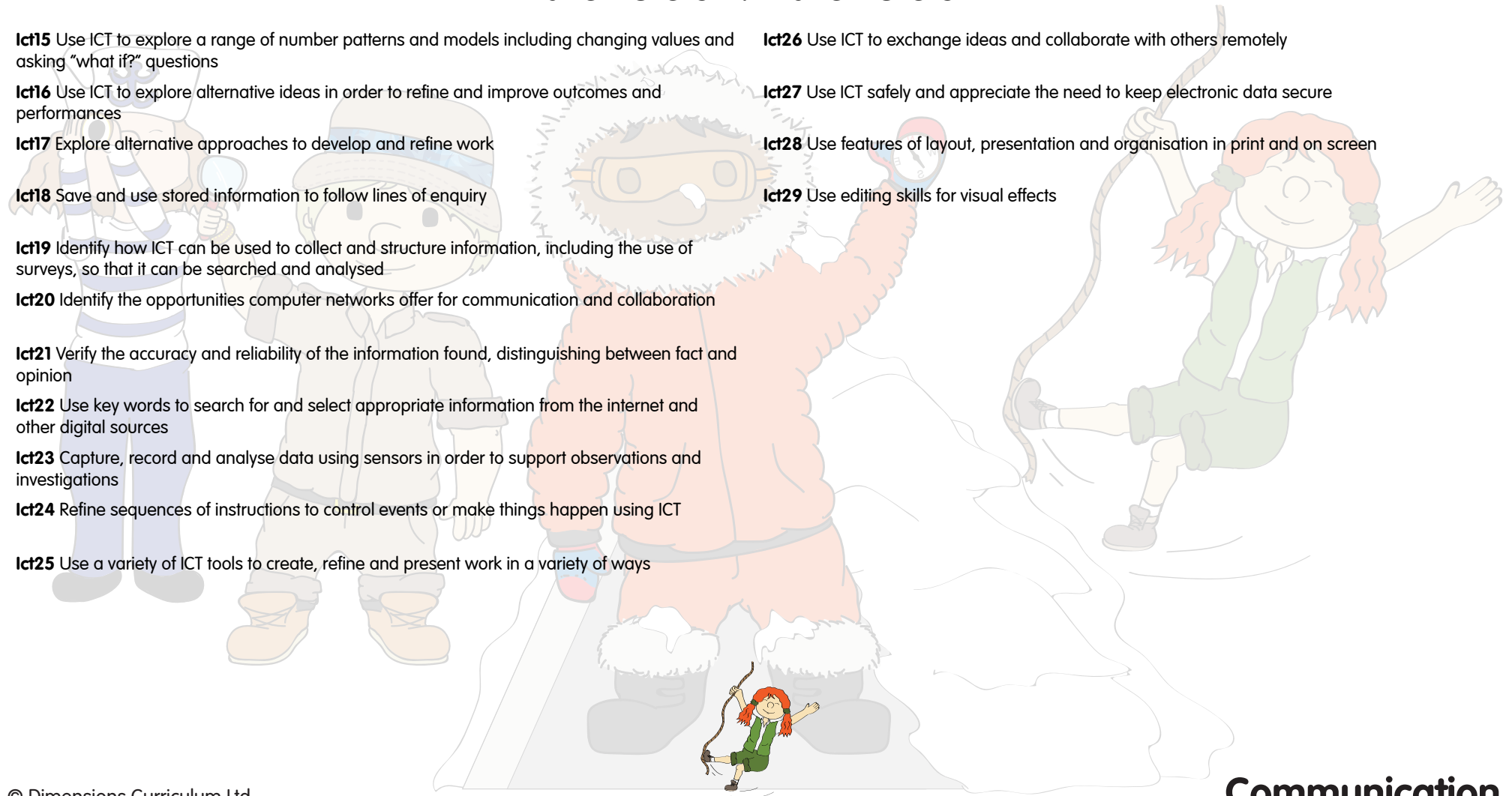
Ict25 Use a variety of ICT tools to create, refine and present work in a variety of ways

Ict26 Use ICT to exchange ideas and collaborate with others remotely

Ict27 Use ICT safely and appreciate the need to keep electronic data secure

Ict28 Use features of layout, presentation and organisation in print and on screen

Ict29 Use editing skills for visual effects

Communication

ICT Skills Ladder

Navigators 1 / Navigators 2

Ict30 Use ICT to explore and develop simple models by changing variables and simple formulae

Ict31 Use ICT to create and refine sequences of instructions to explore problems and make controllable systems

Ict32 Answer questions by using ICT to identify, collect, store, analyse and present information

Ict33 Verify the accuracy and reliability of the information found online, detect bias and distinguish evidence from opinion

Ict34 Analyse, describe and discuss the effectiveness of their work with ICT

Ict35 Identify a range of ways to report concerns and inappropriate behaviour

Ict36 Use search technologies effectively, appreciate how results are selected and ranked, and be discerning in evaluating digital content

Ict37 Represent data from analysis in appropriate ways, including the use of graphs

Ict38 Use a variety of ICT tools to create, develop and refine presentations and performances, integrating effects to enhance outcomes

Ict39 Select, use and combine a variety of software (including internet services) on a range of digital devices to accomplish given goals, including collecting, analysing, evaluating and presenting data and information

Ict40 Organise and adjust communication according to the needs of the audience and the technology, including taking account of the quality and content of the communication

Ict41 Use a variety of ICT tools to create, refine and present work in a variety of digital and printed formats using appropriate forms and conventions

Ict42 Use ICT safely, respectfully and responsibly, managing risk and showing awareness of other users

Communication