



CONTENTS

INTRODUCTION	5
THE VIKING WORLD	6
A NEW TOWN	8
BUILDING TECHNIQUES	10
HOUSES AND STREETS	12
A VIKING HOME	14
IN THE COUNTRY	16
FOOD AND DRINK	18
TOWN DWELLERS	20
VIKING BELIEFS	22
FAMILY LIFE	24
SPORTS AND PASTIMES	26
GOODS FOR SALE	28
THE METAL WORKSHOP	30
THE SHIPYARD	32
OVERSEAS TRADE	34
A MERCHANT'S YEAR	36
VIKING RAIDERS	38
VIKINGS IN RUSSIA	40
NEW VIKING SETTLEMENTS	42
TIMESPAN	44
GLOSSARY	46



INDEX

A VIKING TOWN



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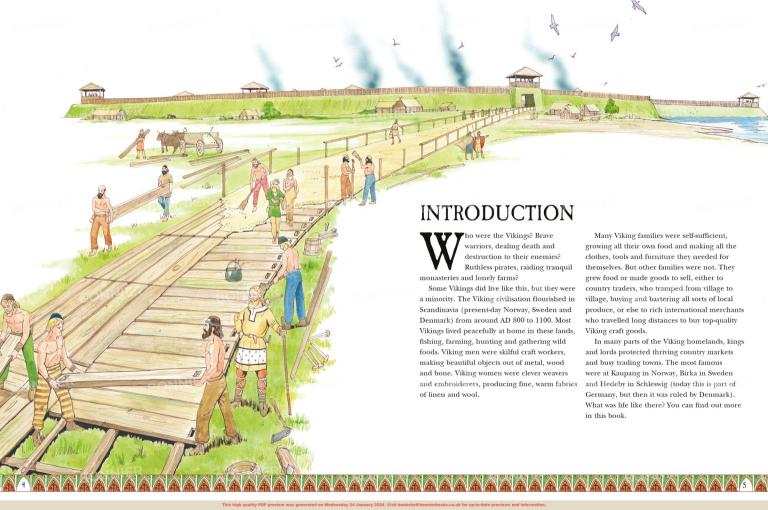
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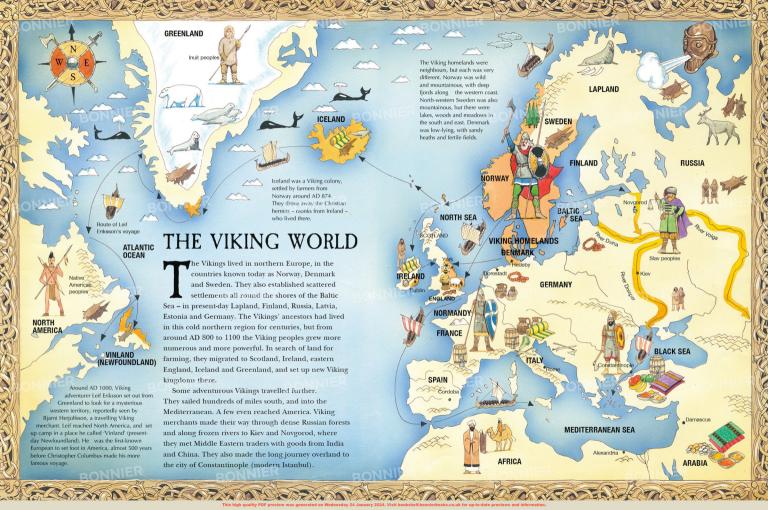
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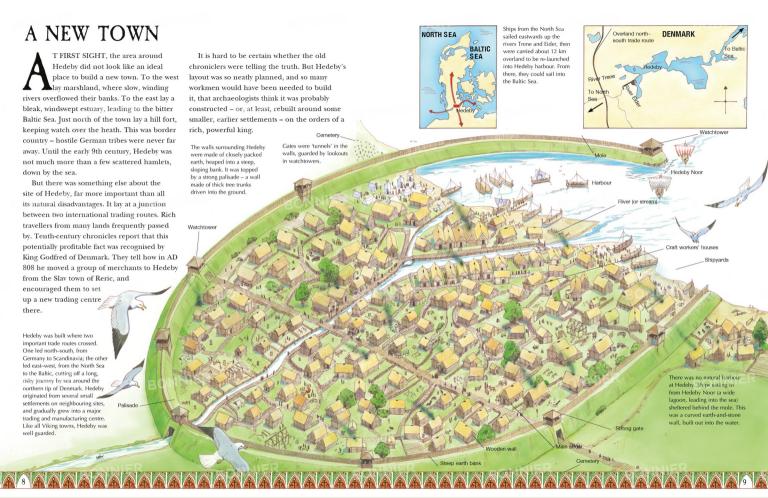
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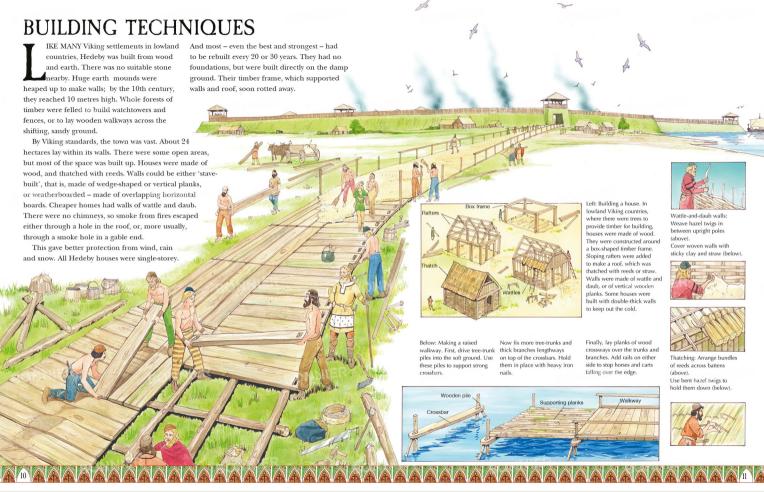
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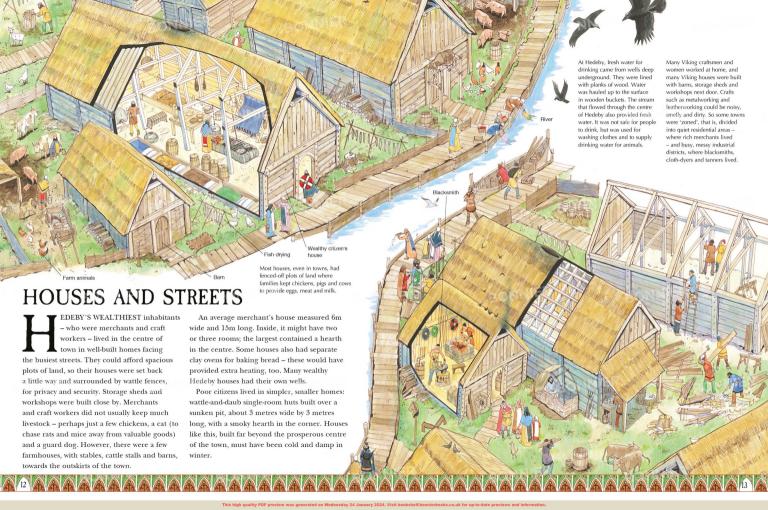
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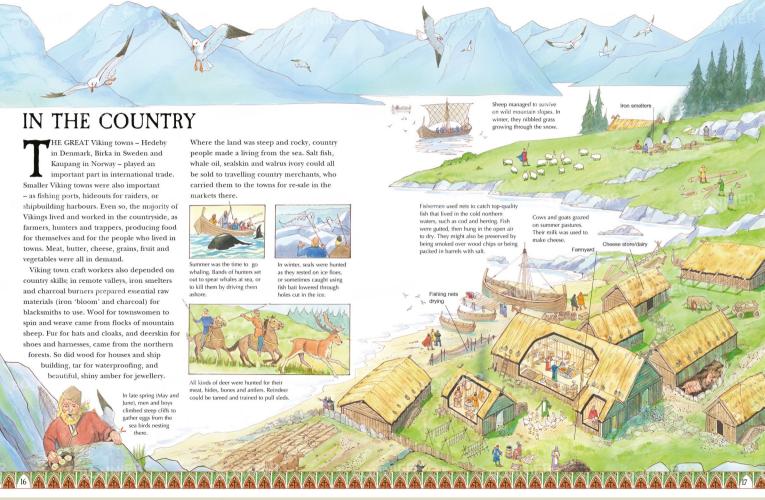


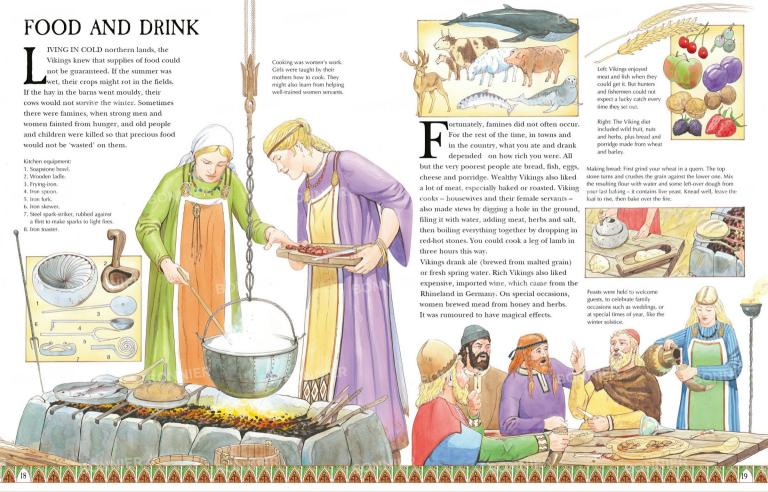


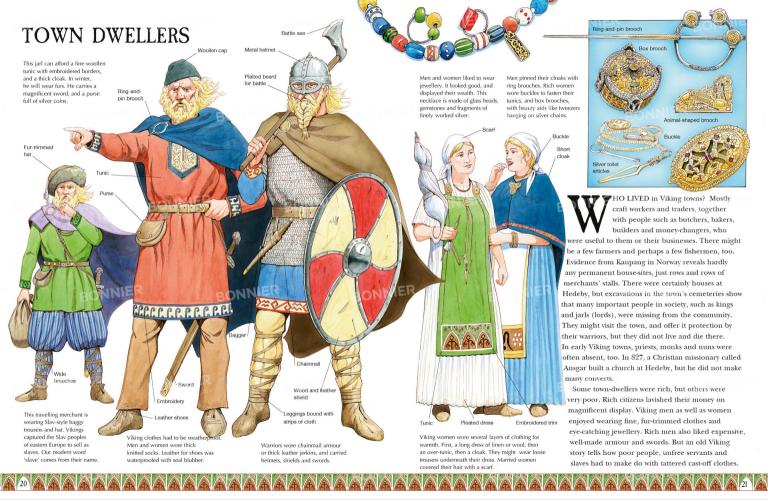


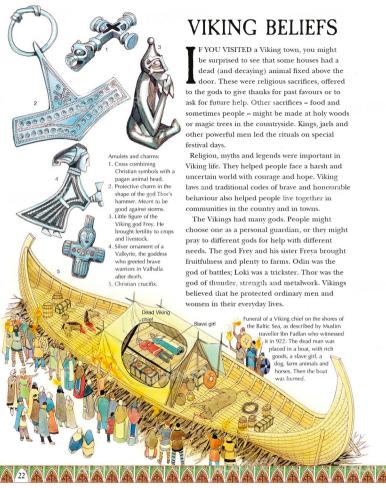


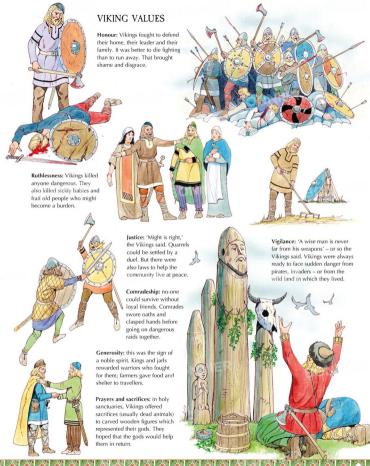


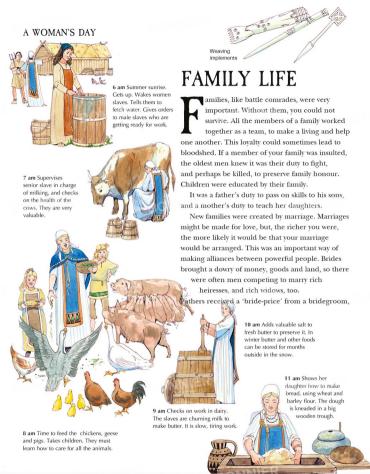














girls were less valued. When times were hard.

girl babies might be left out in the open to die,

to save the cost of rearing them. Wives had to

be faithful, but husbands could take slaves or

servants as extra wives. However, women did

have some rights. They could divorce a cruel

husband by making a statement in front of

witnesses. They might win respect for their

courage and skills. Women were trusted to run

farms or businesses while their husbands were

abroad. Some fought bravely to drive raiders

away from their houses and farms.

12 noon Grown-up son arrives with his friends. They have been fishing. Their catch needs to be gutted and salted straight away.

Heated class iron



2 pm The slaves bring in the family wash, which has been spread on hedges to dry. The best clothes must be ironed.



Whalebone ironing

4pm Son has brought firewood to light a big fire on the stone hearth. It is time to start cooking the evening meal

8pm Dusk. Supper time: fish, mutton stew, bread, herbs, fruit and ale. The slaves eat at the other end



9 pm It is still just light outdoors, and the adults are



10 pm Farm work and housework are finished. But there is embroidery, spinning and weaving waiting to be done.







If the weather was bright and clear, everyone enjoyed outdoor sports on skis, sledges and skates. These were also used for essential journeys overland. If it was too dark or cold to go outdoors, there were board games such as hnefatafl (like draughts) or gambling, and betting on dice. Most of all, Vikings enjoyed entertaining family and friends with good food and drink, songs and poems, around a roaring fire. Feasts like this could last for several days, with guards posted at the doors to stop enemies attacking while the revellers were drunk. The most important winter feast was Yule (12 January in the modern calendar). It marked the turning point of the year. From then on, the days would begin to brighten and lengthen, and people could look forward to the







Viking men prided themselves on always being ready for battle. Sports like wrestling helped them stay strong and fit.

Warriors' sons were given toy shields and wooden swords and taught how to fight. Some day, these skills might save their lives.

spring.

GOODS FOR SALE

VERYTHING THE VIKINGs used had to be made by hand. There were no big machines to help. Viking farmers made many of the everyday items they needed such as simple wooden tools. Viking women and girls all knew how to spin thread, weave and sew,

Everyone learned how to do simple repairs. But there were some essential items - such as weapons and iron nails - that ordinary people could not make. There were also many luxury goods on sale that they wished they could afford.

Fine glass for drinking

rods of coloured glass.

norns (right) came from

the Rhineland in Germany.

Patterned glass beads were

made by heating and twisting

Leather was used for shoes, harnesses and belts. Sometimes.

for extra warmth. The most

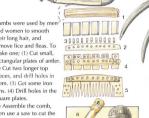
for shoes, the hair was left on

expensive type of leather was

with raised, intricate designs

sometimes embossed - patterned

Combs were used by menand women to smooth their long hair, and remove lice and fleas. To make one: (1) Cut small. rectangular plates of antler. (2) Cut two longer top pieces, and drill holes in them. (3) Get some iron pins. (4) Drill holes in the square plates. (5) Assemble the comb. then use a saw to cut the square plates into neatly spaced teeth.





Bones, antlers and teeth (from walruses) were used to make pins (a), name-tags (b), and amulets (c) as well as flutes and chessmen.



Above: Some amber items. Below: Pottery imported from Germany.



Craftsmen and women played a vital part in Viking society. Most villages had their local blacksmith, builder and carpenter. But in the towns, specialist craft workers produced an astonishing range of goods, using local materials like fur and wax or rarities like glass and silver imported from overseas. Visitors to Hedeby could buy bronze brooches, bone combs and hairpins, amulets of walrus ivory, pottery or soapstone bowls, leather harnesses and carved wooden horse-collars, sword-blades from France. amber from the Baltic, silk from China, and Middle Eastern gold. All hand-made goods took a long time to produce, so they were often expensive to buy.



Wealthy Vikings hung beautiful tapestries on their walls, for decoration and extra warmth. This tapestry was found at Oseberg, Norway,

All cloth was made on upright looms. Warp threads were weighted with stones; weft threads were woven in



Clothmaking tools: 1. Loom weight.

- 2. Comb for smoothing wool fibres before spinning thread.
- 3. Spindle for spinning thread. 4. Reel for winding
- threads. 5. Shears for cutting.





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THE METAL WORKSHOP

VERY VIKING METALWORKER knew that lives depended on the weapons he made in his workshop. By law, all Viking men were meant to be ready to defend themselves and their families at any time of the day or night. This was a sensible precaution – who knew when enemies might attack? Viking pirates were feared throughout Europe for frequent, terrifying raids – as one Irish monk reported, only stormy weather kept them in harbour – but they also preyed on their compatriots, living closer to home. Viking settlements might also be raided by Russians, Slavs or Germans, seeking revenge for past Viking attacks.

Armies were led by jarls or kings. Sometimes, workmen from towns were recruited as freelance soldiers, who fought for anyone who could pay. A soldier provided his own weapons and armour - sword, spear, shield and helmet. Rich Vikings fought on horseback, and owned famous swords that had killed many men. Some had names, like 'Battle-Fire' or 'Dragon-Bite'. The poorest soldiers could not afford swords. They fought with plain iron axes, catapults and clubs. When the battle was over, all soldiers, rich and poor, looked forward to receiving their share of weapons, clothes, amulets and jewellery, looted from dead bodies on the losing side.

Cheap brooches could be mass-produced using as little expensive metal as possible: (1) Press clay onto a good brooch to make the front half of a mould, 2? Line mould with a damp cloth, (3) Cover cloth with more clay to make back half of mould. Remove cloth and pour mollen metal into thin space between two halves of the mould. (4) Leave metal to set, then take away mould.

to soften iron and other metals, so they could be hammered into shape for weapons and tools. Helpers pumped air into the furnace with bellows, raising the

Blacksmiths used a furnace

temperature inside.

Blacksmith's

Clay walls

Red-hot charcoal and iron ore

furnace

Iron ore was plentiful in Sweden. It was smelted (heated with charcoal) to produce iron. Brooches like this horse's head were made by pouring

head were made by pouring molten metal (usually bronze or pewter) into carved soapstone moulds.

The best, sharpest swords were made by damascening; fron rods were heated until their surface turned to steel. They were then twisted together with unheated rods to produce a tough, flexible mixture of iron and steel.

inlaid with silver, to create the Vikings' favourite interlaced designs. To make an inlay, the smith cut fine grooves in the metal surface, then hammered silver wire into them (below). A final polish gave a glowing sheen.

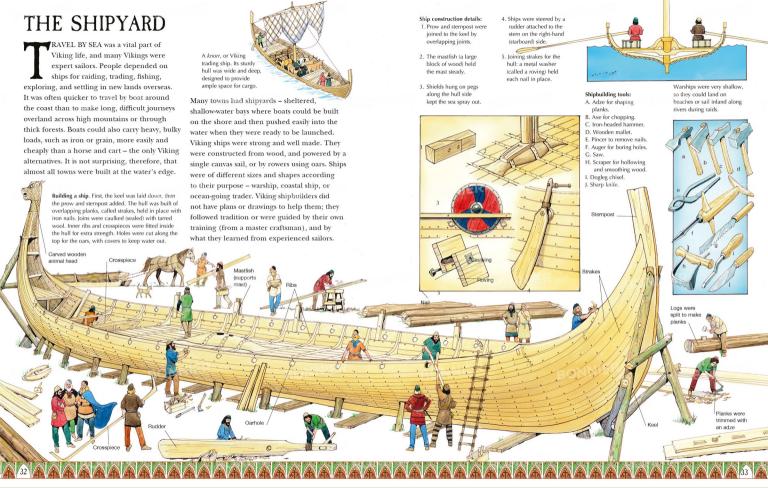
Silver filioree

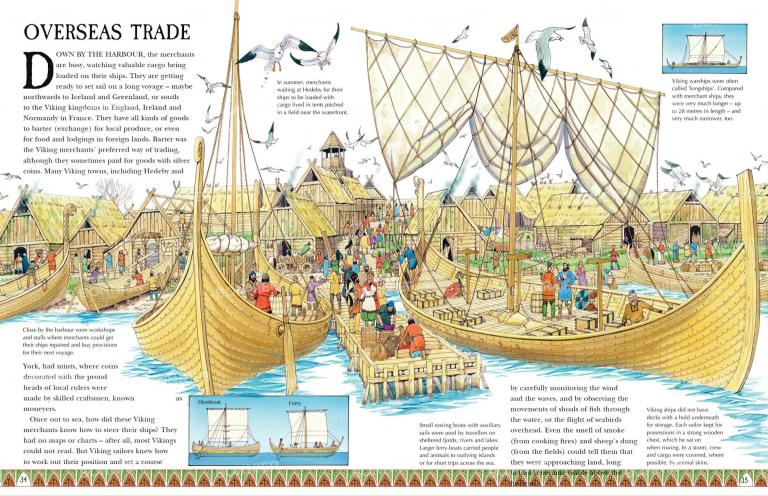
Axes and other metal objects could be

Sword hilts were decorated with magical designs, often in filigree. To make this, silver wire was melted in a special mould to create strings of tiny beads.

Sword hilt

amaeconod eword







ERCHANTS TRAVELLING eastwards from Viking towns might spend a year away from home. It could easily take that long to travel through Russia to Constantinople, where merchants from the Middle East and the Mediterranean met to buy and sell.

Constantinople, where merchants from the Middle East and the Mediterranean met to buy and sell. Journeys like this were only worthwhile if merchants could expect to make high profits. So, as well as valuable northern goods such as furs, amber, honey and wax, they brought large numbers of slaves with them for sale, captured from Germany, the Baltic, and Slav and Russian lands. On their return journey, Vikings carried other profitable items: silks, spices,

sweet wines and silver.

A few Vikings ventured even further east, to the shores of the Caspian Sea. There, they met merchants travelling along two great international highways, the 'Silk Route' through Central Asia to China, and the 'Spice Route' to India and beyond.

Manage to fight off the ambush, although two men are hurt. But soon reach another river and sail safely to the great trading city of Kiev. There you meet merchants from Asia and the Middle East, who have silks and spices to self.



Also in Kiev, meet other Vikings, who have built their own settlement there. It is pleasant to relax in Viking style in the warm, steamy bath-house, especially as Set off eastwards from Viking town across the Baltic Sea to Russia. Then sail as far east as you can, across lakes and up the River Dnieper. In winter, the river will freeze, so you will have to carry the ship. It is quicker to walk on the ice than to struggle through the forests on the riverbank.



An ambush by local people – the Petchenegs, who live in the forests. They know merchants are rich, and want to steal goods and money.



Continue journey south. Sail for weeks down

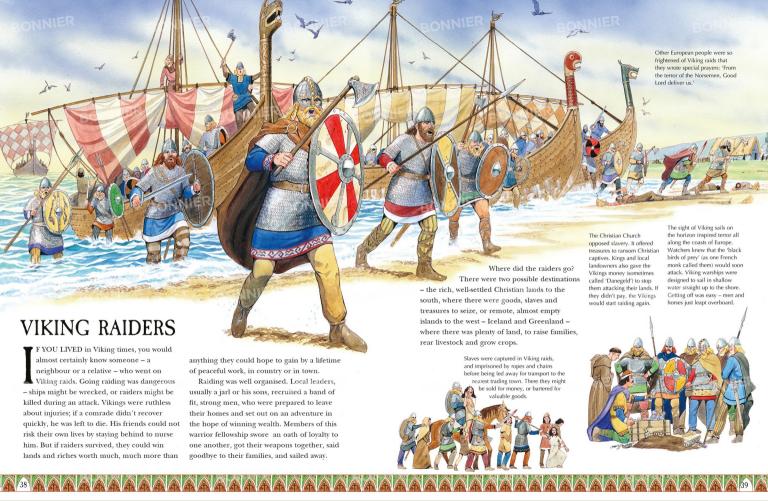
of the rich and powerful Byzantine emperors.

river to the mighty city of Constantinople, home

Below: After 12 months away, it is time to think about going home. Load pack-horses and carts with goods, and take them to your ship, waiting at a Black Sea dock to begin the long river journey to the north. Viking merchants would not travel anywhere without this essential piece of equipment — a balance for weighing gold and silver coins. It was used to check the amount of silver or gold each coin contained, Forged coins were common. They were made of lead or tin and were worth much less than the real ones. Balances like this have been found in Viking merchants' graves.



Merchant's balance



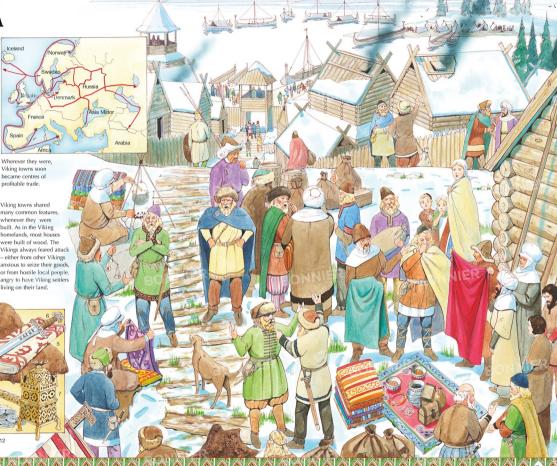
VIKINGS IN RUSSIA

HE NORTHERN SEAS were treacherous during the winter months. The earliest Viking raiders aimed to be safely back in harbour before the storms began. But after around 850, Viking sailors no longer went home in winter. They stayed away – destroying, conquering, trading – for years at a time. They set up winter raiding camps on the isle of Sheppey in south-east England and at Noirmoutier, in northen France. As one chronicler said, it was 'as if they meant to stay forever'.

Viking raiders and traders also built forts in Russia and the lands bordering the Baltic Sea. These 'temporary' settlements grew into permanent new towns, like Staraja Ladoga in Russia, Grobin in Latvia and Apuole in Lithuania, with log-cabins, marketplaces, harbours and stockades. They attracted international traders from many distant lands. But even in these fortified camps, the Vikings knew they were never safe. They were hated by the local Slav peoples, whose young men, women and children they captured to sell as slaves. After dark, Viking merchants and slave-traders only went outside to use the lavatory in armed groups of four. While one man relieved himself, the others kept guard.

Traded in Viking towns: 1. Bracelet made from Middle Eastern gold. 2. Furs from Russia, Iceland and Norway. 3. Gold brooch made by Viking craft workers. 4. Silver from Germany. 5. Silk from China. 6. Sword from Germany. 7. Brazier from Baghdad. 8. Rhineland glass. 9. Middle Eastern glass, 10. Indian spices. 11. Persian pottery. 12. Viking glass beads. 13. Arabic silver coins.





NEW VIKING SETTLEMENTS

HE FIRST INHABITANTS of overseas Viking forts and camps were men – with perhaps a few captive slave girls to look after them. These Viking warriors spent their time plundering and collecting tribute. But gradually, farmers and traders followed the raiders, attracted by new opportunities, or hope of more land.

Many peaceful Vikings decided to leave their old homes in Scandinavia and settle in these territories, now under Viking control. Their wives and children joined them, and new Viking communities were formed – for example, at Dublin and York. Sadly, migrants were sometimes overtaken by disaster. Of 250 ships that left Iceland in 986, carrying settlers for Greenland, only 14 arrived.

Everywhere, Viking kings, jarls and officials began to organise these new kingdoms, and all the different peoples who lived there. They collected taxes, enforced laws and minted coins. Viking language and customs mingled with local traditions, to create new lifestyles.

New towns could also be built in Viking homelands. In 10th-century Denmark, King Harald Bluetooth built-Trelleborg and three fortified settlements as centres of government and monuments to roval power.

government and monuments to royal power.

10 9 11

In Britain, Viking kings ruled from thriving towns like Archaeologists have found many Viking objects there.



Below: After about 860, Viking settlers built new villages in Iceland. There were no trees to provide timber, so houses were built on stone foundations with thick walls of rammed earth and turf. After about 986, new Viking settlements were built in southern Greenland, too.

Viking finds at York:

3. Leather boot.

4. Metal helmet

5. Loom weights.

7. Wooden spindle.

8. Horn spoon.

10. Antler comb.

11. Wooden bowls.

13. Silver brooches.

14. Pottery storage jar.

9. Silver coins.

12. let cross.

6. Bone pins.

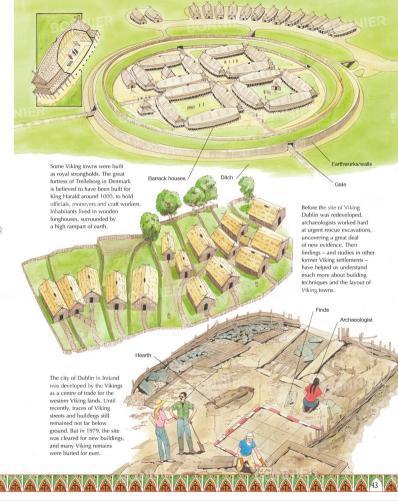
1. Leatherworking tools.

2. Wooden lavatory seat.

Above: Viking slave merchants often spent months or years trading in Russia and other Slav lands. To protect themselves from hostile local peoples, they built well- defended forts.







TIMESPAN

- c.500-c.700 The Vendel Period (pre-Viking era) in Scandinavia.
- **600–700** Swedish merchants and sailors set up colonies along the shores of the Baltic Sea.
- 700-800 First Viking raids by Norwegian sailors on neighbouring western countries. They need more land to grow crops to feed a growing population. Some hope to get rich quickly by seizing treasure. A few want to get away from the watchful control of increasingly powerful Norwegian kings.
- **793** Viking raiders from Norway attack and destroy the Christian monastery of Lindisfarne, off the north-eastern coast of England.
- 795 Viking raiders attack the monastery of St Columba, on Iona, an island off the west coast of Scotland.
- **800** Viking raiders from Norway set up camps in Orkney and Shetland, and in the Faeroe Islands (off Denmark). They prepare to invade Ireland.
- **808** King Godfred of Denmark founds a new town at Hedeby.
- 827 Christian missionary Ansgar preaches in Hedeby, but does not make many converts.
- 828 Vikings invade Ireland and seize control there.
- 834 Vikings from Denmark attack the great trading centre at Dorestad on the Rhine.
- 835 Danish Vikings raid Sheppey, a small island close to the south-east English coast.
- 841 The first Viking settlers (from Norway) arrive in Ireland; they establish the city of Dublin.

- 841 Danish Vikings sail up the river Seine to raid the important French town of Rouen.
- 843 Danish Vikings attack the French port of Nantes and terrorise the surrounding countryside. They destroy many monasteries, villages and farms.
- 844 Viking raiders sail south and attack Seville, in Spain. They are driven out by Spain's Muslim rulers.
- 845 Vikings attack Paris, capital city of France.
 King Charles the Bald of France offers them money (called 'Danegeld') to go away. From now on, Viking raiders in England and France demand huge payments every year.
- **850** For the first time, Viking raiders stay in England all winter.
- 859 Vikings sail to the Mediterranean, where they live as pirates for three years.
- 860-874 Vikings begin to settle in Iceland.
- 862 Rurik the Viking founds trading city of Novgorod in Russia.
- **866** The Vikings capture York and set up a kingdom there.
- c.870 Vikings control most of eastern England known as the 'Danelaw'.
- 871 King Alfred of Wessex leads the English resistance to the Vikings. He insists that the Viking leaders become Christian.
- 886 Vikings and English make peace.
- c.900 Vikings establish trade routes overland through Russia.

- c.900 King Harald Bluetooth of Denmark orders a strong outer rampart to be built to protect Hedeby from raiders.
- 911 Viking leader Rollo sets up Viking kingdom in western France. He also promises to help defend France.
- **960** King Harald Bluetooth of Denmark becomes a Christian, and encourages his subjects to follow his example.
- 980 Vikings launch new series of raids on England.
- c.982 Viking Erik the Red lands in Greenland for the first time.
- 994 King Olaf Tryggvason of Norway and King Svein Forkbeard of Denmark lead a fleet of 94 ships to attack London.
- c.1000 Leif Eriksson reaches America.
- 1013 King Svein Forkbeard invades England.
- 1017 King Svein controls England. After his death, his son, Cnut, rules. He is also ruler of a great Scandinavian empire in Norway, Denmark and Sweden.

- 1035 King Cnut dies.
- 1042 King Edward the Confessor regains control of England from Vikings.
- 1050 Hedeby attacked and burned by Norwegian Vikings.
- 1066 Hedeby destroyed by the Wends (a Slav nation living beside the Baltic Sea).
- 1066 King Harald Hardrada of Norway invades England. He is killed at the Battle of Stamford Bridge, near York.
- 1066 The Normans (who are descendants of Rollo of Normandy and his fellow Vikings) invade and conquer England, led by their ruler, Duke William.
- 1071 Vikings capture Sicily and southern Italy and establish a kingdom there.
- c.1100 The end of the Viking age. Viking settlers in various European lands are now integrated with local people.



GLOSSARY

Adze A woodworking tool with a sharp blade, used for shaping and trimming strakes (see below).

Amulet A small object, like a lucky charm, believed to keep evil away.

Auger A woodworking tool, used to bore holes.

Battens Thin strips of wood.

Blubber The thick layer of fat beneath the skin of seals and whales.

Buttermilk A drink made from deliberately soured milk, rather like thin yoghurt.

Caulked Padded with rope and tar to keep water out.

Damascening A metalworking technique in which iron and steel were combined to form a strong, flexible alloy.

Danegeld Tax collected by Viking warriors from the kings of England and France. If it was not paid, the Vikings threatened to attack.

Danelaw An area of England ruled by Vikings during the 9th and 10th centuries.

Daub Mud, straw and horsehair, mixed together and used with wattle (see below) to make walls.

Embossed Decorated with a raised pattern.

Filigree A fine, delicate decoration for metalwork, made from heated gold and silver wire, or from tiny droplets of gold and silver.

Fjords Deep bays running inland from the sea with mountain slopes on either side.

Jarl A powerful Viking landowner and local leader or nobleman.

Keel The heavy wooden beam at the base of a ship.

Knorr A wide-bodied Viking trading ship.

Lyre A musical instrument with strings, rather like a small harp.

Mastfish A large, strong, fish-shaped block of wood used to support the mast in Viking ships.

Merels A board game, rather like draughts.

Missionary Someone sent to another country to teach the local inhabitants about a new religious

Mole A harbour wall or breakwater.

Molten Heated and melted.

Pagan Belonging to a religion that is not Christian, Muslim or lewish.

Palisade A wall made of thick tree trunks driven into the ground.

Piles Posts sunk into the ground, to act as foundations for buildings.

Port The left-hand side of a ship, facing towards the prow (front).

Prow The front end of a ship.

Quern A hand-operated machine for grinding grain into flour, made out of two heavy stones. The top one moved round, crushing grains against the lower one.

Rammed Packed tightly down.

Roving Metal washers fixed to the end of metal nails to hold them firmly in place. The end of each nail was bent over and hammered flat against the roving.

Rudder A large paddle fixed to the rear of a boat and used for steering.

Runes The letters of the Viking alphabet. Used for writing and carving, and also for casting spells.

Skald Professional poet and musician.

Soapstone A soft-textured stone that can easily be carved

Starboard The right-hand side of a ship, facing towards the prow (front).

Stern The back end of a ship.

Strakes Long planks used to make the hull of a ship.

Valhalla A place like heaven, where Vikings believed warriors went after death

Valkyries Fierce female goddesses or spirits, who welcomed the souls of dead warriors into Valhalla; said to be the nine daughters of the Viking god Odin.

Vendel The culture that flourished in Scandinavia for approximately 200 years before the Viking age. It is named after archaeological finds made at the village of Vende in Sweden.

Vinland The first-known Viking settlement in America, in present-day Newfoundland.

Warp The lengthways (end-to-end) threads of a piece of cloth. In an upright Viking loom they hung downward, held in place by heavy weights. The weft threads were woven across them.

Wattle Dry twigs, woven together. Usually smeared with daub (mud, straw and horsehair) to make walls.

Weft The crosswise threads in a piece of cloth, woven in and out of the lengthwise warp threads.

Winter solstice The shortest day of the year; in the northern hemisphere, 21st December.

Zoned Divided into separate areas.



INDEX

Page numbers in bold type refer to illustrations.

A

America, North 6 amulets **22**, 29, 46 armies 30 armour 30 axes 31, **31**

B

Dalance 37
Baltic Sea 6, 8, 40, 44
beds 15, 15
beliefs 22–23
bellows 30
Birka 8, 16
blacksmiths 30, 30
boats 32, 34, 35, 35
bread, making 19, 19, 24
brooches 21, 29, 30, 30, 31, 31, 40

charms 22 children 24 games of 26 China 6 Christians 21, 44, 45 church of 39 lands of 38 clothes 20-21, 20-21 clothmaking 29 coins 34, 42 Columbus, Christopher 6 combs 28, 28 Constantinople 6, 37 cooking 14, 18-19 countryside, goods from 16 craft workers 5, 12, 13, 16, 29

Danageld 39, 44, 46 dead animals, religious significance of 22 Denmark 6, 7, 44, 45 diet, Viking 19 divorce 25 Dnieper, river 36 dowry 24, 25 Dublin 42, 43, 43, 44

E earth walls 8, 10, 42 education 24

embroiderers 5 England 6, 40, 44, 45 Eriksson, Leif 6, 45 excavation of Viking settlements 43

family life 24–25 famines 18–19 farmers 42 feasts 19, 27 filigree 31, 46 fishing 17, 25 fish, preserving 17 food 15, 25 fort 42 France 40, 45 Frey and Freya 22 funeral 22, 22 furniture 15

gambling 27 girls 27, 28 Godfred, King 8, 44 gods 22 Greenland 6, 42

Harald Bluetooth, King 42, 43, 45
Hedeby 5, 8–9, 8–9, 12, 13, 14, 16, 29, 44, 45
Noor 9
Herjolfsson, Bjarni 6
hnefatafl 27
houses 10, 11, 15, 40, 40
building 11
merchants' 12–13, 12–13
Viking 14–15, 14–15
hunting 16

Iceland 6, 42, 44 India 6 inlay 31 Ireland 6, 44 iron ore 30

jarls 20, **20**, 21, 38, 42, 46 jewellery 21, **21**

Kaupang 5, 16, 21 Kiev 36 kings 21, 42 kitchen equipment **18** knorr 32, **32**, 46

lavatories 15, 40, 42 leather 28, 28 tools for working 42 livestock 12 Loki 22 longships 35 looms 29

marriage 24
mass-production 30
mead 19
Mediterranean 6, 44
memorial stones 42
merchants 5, 6, 34, 40, 44
houses of 12–13, 12–13
slave 42
travelling 16, 20
merels 26, 26
metalworkers 30
Middle East 36
mints 34
moneyers 34

North Sea 8, 9 Norway 6, 7, 44, 45

Oseberg 29

Ppastimes 26–27 pirates 30

Raids, Viking 38–39, 40, 44 reindeer 16 Russia 36, 40–41, 42, 44, 45

Sacrifices 22 sailors 32, 35 Scotland 6 seals, hunting 16, 16 sea travel 32–33 settlements, overseas 42–43 ships 9, 35 building 32–33, **32–33** tools for building 33, **33** skalds 27, **27**, 47 slaves 20, 24, 25, 36, 39, **39**, 40 Slavs 40, 42, 45 sports 26–27 stave-built houses 10 Sweden 6, 7, 45 swords 31, **31**

T tapestries 29 thatching 11 Thor 22 tools 30 trade 16, 34–35, 40, 43, 45 traders 42 travellers 8 Trelleborg 42, 43

values 23 Vendel Period 44, 47 Viking lands, map of **6–7** Vinland 6, 47

walls 8, 40 of earth 8, 10, 42 of wattle and daub 11, 11 warrior, Viking 20 sons of 27 warships 33, 35 wattle and daub 10, 11, 47 weapons 30 weatherboarded houses 10 weavers 5 wells 13 whaling 16, 16 women, Viking 21, 21, 24, 24, 25, 28, 29 workshops 30-31 wrestling 27

Y York 42, 44 Yule 27

Z zoning 13, 47