## **Participating** primary schools & community groups 1 Ashley Down Primary School 2 Ashton Gate Primary School 3 Compass Point South Street School & Children's Centre 4 Easton C of E Primary School 5 Hillcrest Primary School 6 Fishponds Church of England Academy 7 Friends of Netham Park 8 Greenfield E-ACT Primary Academy 9 Sefton Park Primary School 10 Shirehampton Primary School 11 St Werburgh's Primary School 12 The Park Community Learning Centre 13 The Southville Centre 14 Upper Horfield Community School 15 Wellspring Healthy Living Centre (planters) 16 Windmill Hill City Farm and St Mary Redcliffe CE VC Primary School



Marigold (Calendula officinalis)
Origin: Mediterranean Region of
Southern Europe & North Africa



Love in a Mist (Nigella damascena)
Origin: Southern Europe and North Africa



Flax or Linseed (Linum usitatissimum)
Origin: Eurasia



**Green Bristle Grass** (*Setaria viridis*) Origin: Eurasia



Dark Mullein (*Verbascum nigrum*) Origin: Asia



Tassel Flower
(Amaranthus caudatus)
Origin: American tropics



Oats (Avena sativa)
Origin: Middle East

## Seeds of Change

This garden was designed and planted as part of a city-wide project involving 11 primary schools and 5 community groups.

The plants you see here have been chosen because of their links to Bristol's maritime past: each species originates from a different part of the world, and travelled to the UK in the ballast of trading ships.

'Seeds of Change' is an ongoing exploration of ballast flora found in European Port cities, conceived by Brazilian artist Maria Thereza Alves.

## What is ballast?

The word ballast is used to describe any material which provides stability to a vessel. Modern ships contain tanks filled with water, but in the past soil and gravel was used. UK ports charged taxes based on how low ships sat in the water, so the ballast was often flung overboard before the ship reached a port to make it lighter. Bristol's ballast dump is located at the mouth of the river Avon.

Utilising an old grain barge, a 'ballast seed garden' was created and is currently located on Bristol's floating harbour. This floating garden was commissioned by Arnolfini, and developed in partnership with the University of Bristol's Botanic Garden and Bristol City Council.

The floating garden is populated with a selection of non-native ballast seed plants. We have used some of the same plants, to create our own ballast seed garden, symbolising a living history of Bristol's trade and maritime past.

You may recognise some of the plants: many species have become naturalised and exist happily alongside native British flora.

For more information on the project see:

## bristol.ac.uk/seeds-of-change

You are warmly invited to visit:

Botanic Garden, University of Bristol bristol.ac.uk/botanic-garden

Floating Ballast Seed Garden, Harbourside arnolfini.org.uk

both of whom have extensive collections of ballast seed garden plant species and welcome individuals as well as visits from school and community groups.





The 2013 project Seeds of Change: Growing a Living History of Bristol was led by the Centre for Public Engagement at the University of Bristol in partnership with Arnolfini and 11 school and 5 community partners across Bristol. It was funded by the Heritage Lottery Fund.





