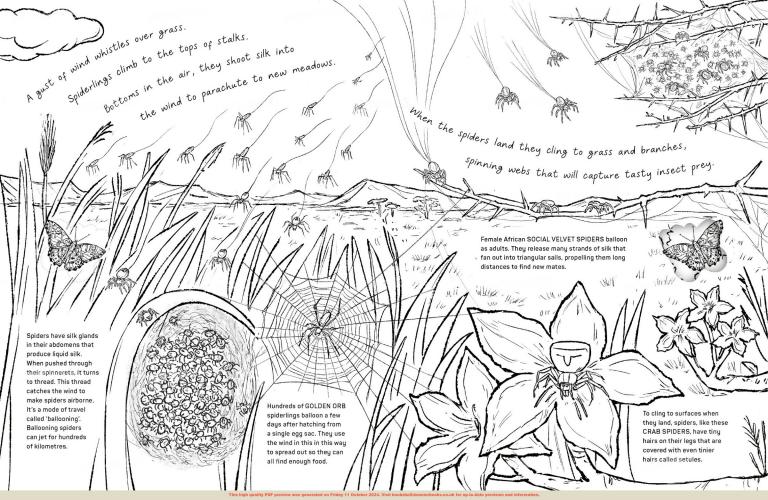
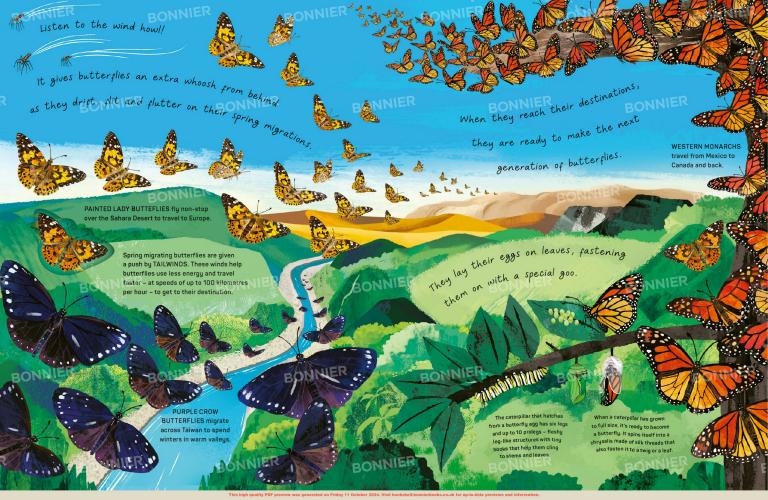


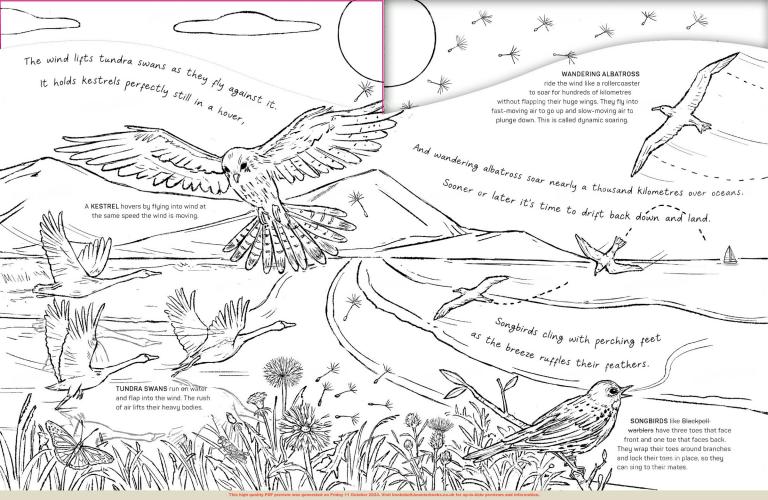
Some ash bits cling together. 00 nes ash from the 1

It carries these tiny specks of rock and 22

1 ... to drift with the and 22 They become too heavy to drift very far. 0 es these tiny , up and up to drift with the leave to drift with the leave to drift with the leave to deep the leave to d They fall down and down, blanketing the land. VOLCANGES Spit out MAGMA - hot liquid an ash PLUME may drift for rack from deep inside the Earth. Above thousands of kilometres or ground, liquid rock is known as LAVA. even circle the globe. ASH can pile up so deeply on the ground that it buries whole towns. Some volcanoes are very EXPLOSIVE, and blast lava out with such force that it instantly becomes ash and rises many kilometres into the atmosphere. Other volcanoes erupt more gently and form flowing rivers of lava. As it breaks down over time, volcanic ash releases MINERALS into the soil. That rich soil then feeds crops like olives and grapes. This is why so many farms and vineyards are planted at the foot of volcanoes.







The hot summer wind rises on the Eurasian steppe. the hot sum.

It scatters sand that has drifted from a Chinese desert. Other seeds have no need for the wind. TUMBLEWEEDS start as They hitch rides by clinging to passing animals. Russian thistle bushes. They are native to a grassland called the Steppe that stretches from Hungary to Mongolia. In one year, thistles grow, die and detach from the soil. Wind blows them hundreds of kilometres It skitters tumbleweeds across we down over land, scattering their thousands of seeds. It scoops up dandelion, milkweed, mode Some seeds cling with hooks or spines. **COCKLEBURS** hitchhike through wetlands tangled Grazing SHEEP may be in squirrel and rabbit fur. covered in narrowleaf clover, wild carrot, and hare's foot plantain seeds. The seeds brush off their coats and land in soil. Maple seeds nestle in 11/1 pods called SAMARAS. A dried-out dandelion or These pods act like cottonwood seed is attached propellers, whirring to a plume called a PAPPUS. away on a breeze. Its hairs catch wind like sails.

