III Once Ionanherries and

tayberries have finished fruiting. prune the spent canes to just

■ Plant "prepared" hyacinth bulbs flowering around Christmas time ■ Take cuttings of border

estemons and leave to form roots in a cold frame or on a

Cut down any fading flower stems of feverfew (Tongoetum northenium) to ston these vigorous plants self-seeding all

III Check greenhouse tomatoes and remove all vellowing leaves

Reader's question

Ts it too late to sow salad rocket? This fast-growing plant can be or early autumn, and thrives on

the vegetable plot and in container

For a healthy crop, sow the

seeds (%in deen) in a well lit or

moisture-retentive but well-draine soil. Once they germinate, thin the

edlings to about 6in apart.

basis when they are 4in-6in long

especially near the bottom.

Roof gardens offer an urban oasis -

and a bit of natural air conditioning Caroline Donald gets upwardly mobile

bucket full of empty bottles sits in the middle of Torn Rob Smith's roofter garden in Bermondse for his latest book, Agent 6, the third in Child 44, which follows the adventure of Leo Demidov, a secret-service agent in Stalinist Russia, now living in America. A film of Child 44 is in the pipeline, to be directed by Ridley Scott, so there has

"The sun came out - it was really lovely, so we had people up here admiring the plants," says Rob Smith. son controller of commissioning at RBC drama. The views from the garden are panoramic, taking in swathes of the capital, with the majesty of St Paul's Cathedral and the work-in-progress Shard dominating the sightline to the north. It is worth coming up here for the view alone, although it is not one you . always want to see: a few weeks ago, he watched fires burning in three areas of the city during the riots

Although the couple have to share the roof with other residents, each flat has its own section. Rob Smith's area (which pagetypes about 20ft by 20ft) reached by a hatch and class stairways in the sitting room, is so densely edged with plants that you hardly notice the others.

The garden was constructed two years ago by a contractor, using special ightweight soil for the borders. Its first incarnation was mainly made up of grasses. "It was very austere," Rob S admits. The garden was then hit by the terrible winter of 2009-10. "At least half the grasses died. I came up here in January or February and there were holes everywhere. It was bleak." Despite having something that now

resembled a Siberian steppe, and being equipped with little knowledge of gardening, he ploughed on: "You can either give up or try to make it your So, no more fancy contractors; ne and Stephenson just bunged in what he and Stepnerson put they liked. "We thought, "We don't care, we just want poppies and colour, anything that will grow.' It is hard to know what will take up here, as it is really hot and sunny. It can be very dry, as the psoil dries out quickly.

While there have been failures, the occesses have been many. Along with those grasses that survived, spindly rusmle Verhena honoriensis mives with the delicate claret heads of sanguisorba, and edums, eryngiums, lavenders, cornwers and love in the mist all thrive in the hot, dry conditions — after all, there is little shelter from the sun. Survival of

gaps, and now it is just a muddle of things," he says - though,



# the first has produced a coloridal, moderable first. Outside labor Statist's rody, on a more white plant of the coloridal produced by the first row round the booght rody planted with vill different for rotated of the first rodge of the firs





again, the randomness of his planting has worked out well. "It soaks up the rain and cools everything down." be small, but if everyone who had such a space in the city did the same, the cumulative effect would be impressive. Dusty Gedge is an expert on green roofs who is working with the mayor of

London and other authorities. He is on a mission to plant up all the space going. In the capital, he says: "About 26% of the land area of central London roofs could be greened - at a guesstimate. I would say only 2% is already Even the Prince of Wales's Prince's Foundation is getting involved

encouraging people to use their roofs. It has prepared a design for a new neighbourhood at Whitenap, near Romsey, in Hampshire, which is awaiting planning permission. All the houses in the densest part of the development have growing spaces - a rooftop, a window box or a small front garden. A green roof can be anything from sedum mat or a vegetable plot to a fullplanting - as opposed to "roof gardens" which Gedge considers to be a collection of plants growing in pots (though thes have their role, too - some plants are better than none). Most suburbar housing has sloping roofs, which are unsuitable, as they are built to hold only slates or tiles. If the angle is greater than 30 degrees, things get expensive, as you the soil sliding off before the plants

prettier and providing food and habitats meadow, planted by Gedge and filling lightest is not the best, Gedge says.

THE PANORAMIC VIEWS ARE NOT ALWAYS A GOOD RIOTS, ROB SMITH WATCHED FIRES BURNING IN THREE AREAS OF LONDON

for wildlife: living roofs also play a role in cooling down our cities. On a hot day, as Rob Smith has found, the plants lower the ambient temperature: think of how heat rises from asphalt in summer and how much sun dark roofs soak up. They also act like a natural airconditioning system for buildings Having vegetation also means tha rainwater doesn't bounce off hard surfaces straight into the drain, but is

Up in Newington Green, in north London, staff at Justin Bere's architectural practice (bere.co.uk) often sit on the roof for lunch on a sunny day. On a grander scale than Rob Smith's the total space above the building ures 100ft by 26ft - the garden is divided into four distinct areas.

With our shoes off, Bere and I climb a ladder up to a delightful wild-flo

the whole of one section of roof. We teeter precariously at the edge so as not to squash the flowers or visiting insects. It is an ambitious project, but heartening, in that it adds life and sausage factory, which sits at the centre of a giant D-shape at the back of a are going to be occupying it on a crescent of shops and cafes. regular basis. You should also ensure

Bere was inspired by reading The that the roof surface is waterproof Diversity of Life by Edward O Wilson and resistant to attempted attacks by (1992), an American biologist. "It is about roots, Gedge says. Once covered by soil and plants. the symbiotic relationship between all however, "if the waterproofing has species, and one of the best books I have ever read," Coupled with a been done really well, you probable thwarted desire to live in the country won't have to replace it - it should be protected against the elements' and running an architectural practice that is thoroughly ecological in attitude, "all these things came together to make me feel I should be doing something The perfect place for green ideas and blue-sky thinking. The DIY Guide to Green & Living He started building in 1992 and today

Roofs, an ebook by Dusty Gedge and John Little, is available for £11.65 at has a wild-flower meadow, native plants - including cyclamen, dog's mercury, viper's bugloss and even brambles and livingroofs org. For suppliers, see the sister site greenroofdirectory.com nettles, all of which are popular with the resident birds and insects - fuchsia My Garden, the City and Me: Roofton hedges and substantial shrubs in the Adventures in the Wilds of London h form of hazel, hawthorn and dog rose. the beginner roof gardener Helen Balds captured in the soil, to be released slowly Bere used a normal soil mixed with und brick dust to make a substrate

that is free-draining and lighter than normal; ne then and it to it deep before planting. It is possible. Gedge says, to have a substrate as thin as 2.3in, which is the lowest the government's green roof code recommends, although this rather than a full-scale wood such as Bere's; with less than that, things nd to dry out and the plants die. The

plants in mid-autumn

So what are the most important

things when considering installing a

Check out its load-bearing canacity

square metre, although it must

sturdier if humans, as well as plants.

it should be able to handle 100kg per

non clockes over the top of the Neil Wormald garden.expert@sunday-times.co.uk

Spice up your life The Chelsea Physic Garden in London SW3, is holding an event today and tomorroy

spine garden beds with cookers demonstrations, talks and

# **Orchid hunters**

of Wales, in Llanarthne, next Sunday, 10am-6pm. Entry free: garden admission £8.50 gardenofwales.org

## The late show Celebrate late season at the

(Timber Press £9.99) is all about pots, includes giant vegetable displays but it should inspire you to get started and dahlia shows. It is held at the Royal Bath & West Showground, in Creen mofe are included in From Shenton Mallet, Somerset, from Garden City to Green City, an exhibition Friday to next Sunday, Entry £8 in at the Garden Museum, London SE1,

advance or £10 on the day. from September 19; gardenmuseum.org

Take a 360-degree tour of cuttings@sunday-times co.uk Bere's 100ft roof garden: thesundaytimes.co.uk/home

Caroline Donal