



@TBB_SouthWest
#BigBangSW

Platinum Sponsors



The Big Bang Fair
South West



Tuesday 25th June 2019
Westpoint Arena, Exeter



EVALUATION REPORT

Thank you to the sponsors
of our Construction,
Civil Engineering
& Built Environment Zone



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1. Overview

For the first time this year, Building Plymouth and Building Greater Exeter joined forces for a collaborative ‘Construction Zone’ at Big Bang South West. We welcomed industry professionals to join the zone and as a collective hosted a range of design, engineering and building challenges in both the inside and outside areas.

The Big Bang Fair South West 2019 reached in the region of 6,000 visitors and welcomed students from 96 schools from Devon, Cornwall, Somerset, Dorset and Wiltshire.

2. Overall Summary of visitors

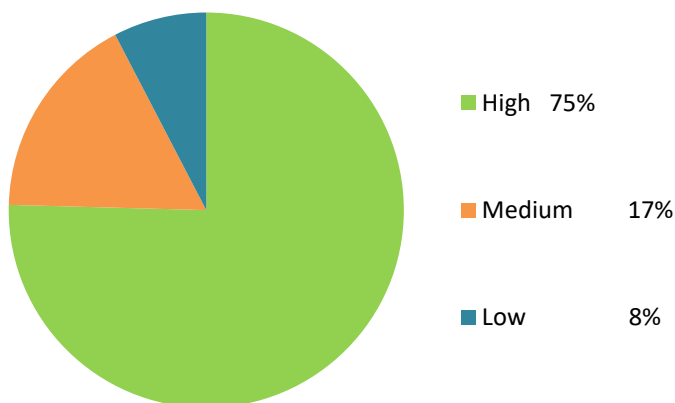
2.1 Summary of visitors to the Big Bang:

- The total number of visitors to Big Bang was 5,300 (This doesn't include all other visitors- guests, VIPs, STEM Ambassadors)
- Schools: 63 secondary, 33 primary.
- Schools came from the following counties: Cornwall, Devon, Somerset, Dorset, Wiltshire
- Home Educated visitors: 493
- Big Bang South West highlights video: <https://lnkd.in/gUtKNKK>

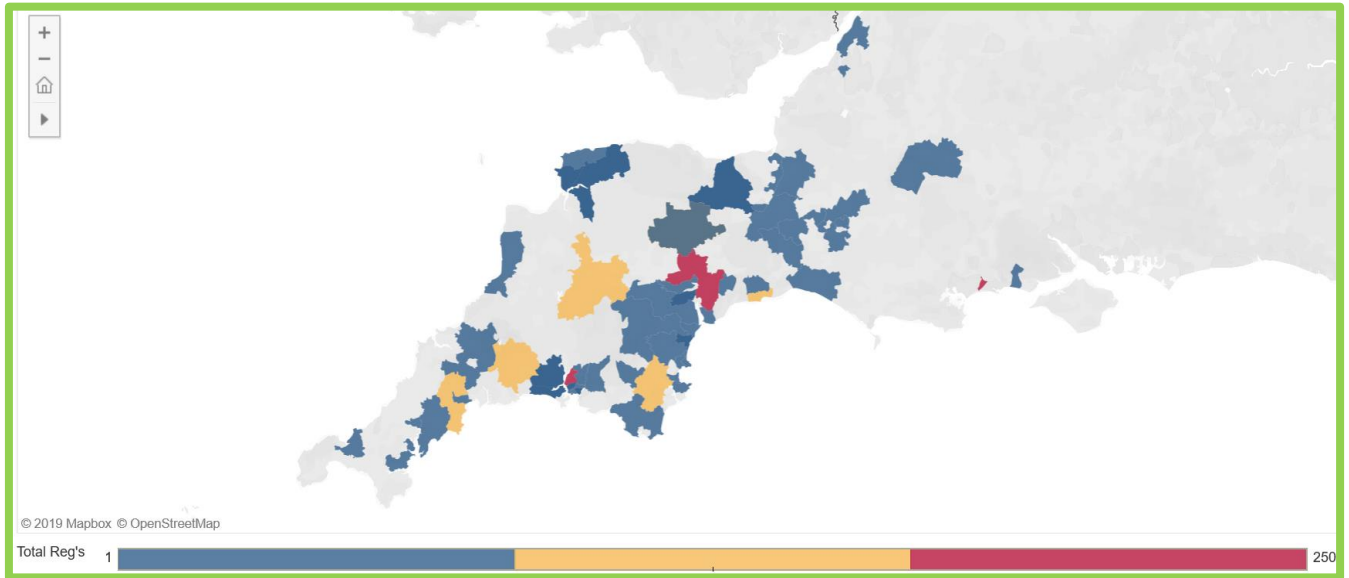
2.2 Summary of visitors to the Construction Zone:

- Of the total number of visitors to Big Bang we recorded almost 2000 visited our indoor Construction Zone
- We asked visitors to our Construction Zone to give feedback as to how much they enjoyed visiting the zone using simple happy, average and unhappy faces. Of the 118 who gave feedback, 89 marked happy:

2.3. Visitor Enjoyment



2.4 Distribution of visitors Registered:



2.5 Primary Schools Attended 2019

Orange = Plymouth Schools

Blue = Exeter Schools

Primary School	Postcode	Primary School	Postcode
Bearnes Voluntary Primary School	TQ12 2AU	Mount Tamar	PL5 2EF
Abbey School	TQ1 4PR	Shaldon Primary	TQ14 0DD
Bishops Nympton Primary School	EX36 4PU	St Joseph's School	PL15 8HN
Blackawton Primary School	TQ9 7BE	St Martin's C of E Primary School	EX5 7DT
Broadclyst Community Primary School	EX5 3JG	St Petroc's School	EX23 8ER
Carbeile Junior School, Torpoint	PL11 2NH	St Thomas Primary School	EX2 9BB
Clyst St Mary Primary School	EX5 1BG	St Thomas Primary School	EX2 9BB
Colyton Primary School	EX12 2AQ	St Thomas Primary School	EX2 9BB
Crossways Junior School	BS35 2HQ	Swanmead Middle School	TA19 0BY
Dulverton Junior School	TA22 9EE	Timberscombe Church of England First School	TA24 7TY
East Anstey Primary School	EX16 9JP	Trinity School	TQ14 8LY
Exeter School	EX2 4NS	Uplowman Church of England Primary School	TA1 2EZ
Falmouth Primary Academy	TR11 2DR	White Rock Primary School	TQ4 7AW
Halberton Primary School	Ex16 7at	Wiveliscombe Primary School	TA4 2LA
Lydford Primary	EX20 4AU	Woodbury Salterton Church of England Primary School	EX5 1PP
Lympstone CoE Primary	EX8 5JY	Woodwater Academy	EX2 5AW
Marine Academy Primary	PL5 2AF	Worle Village Primary School	BS22 9EJ
Marshwood CofE Primary Academy	DT6 5QA		

2.6 Secondary Schools Attended 2019

Orange = Building Plymouth Engaged Schools

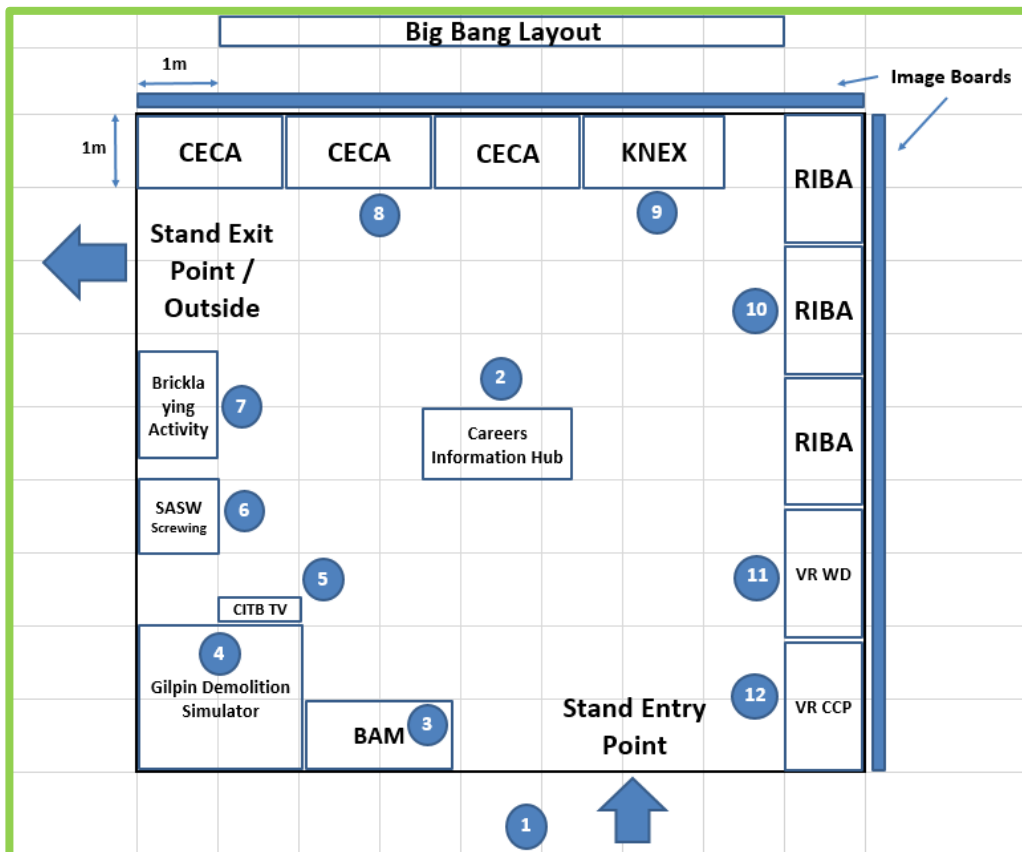
Blue = Building Greater Exeter Engaged Schools

Secondary School	Postcode	Secondary School	Postcode
3 Dimensions	TA20 3AJ	On Track Education Centre Totnes	TQ9 5LQ
ACE Schools Plymouth	PL4 0AT	Pencalenick School	TR1 1TE
Atrium Studio School	TQ13 7EW	Penrice Academy	PL25 3NR
Badminton School	BS9 3BA	Pilton community college	Ex31 1rd
Blundells School	EX16 4DN	Plymouth School of Creative Arts	PL1 3EG
Bournemouth School	BH8 9PY	Plympton Academy	PL7 2RS
Brannel School	PL26 7RN	Shaftesbury School	SP7 8ER
Braunton Academy	EX33 1BJ	Sidmouth College	EX10 9LG
Bridgwater College Academy	TA6 4QY	South Dartmoor Community College	TQ13 7EW
Brixham College	TQ5 9HF	South Devon UTC	TQ12 2QA
Brook Green Centre for Learning	PL5 4DZ	South Wiltshire UTC, Salisbury	SP2 7HR
Budehaven school	EX23 8DQ	Southbrook School	EX2 6JB
Callington Community College	PL17 7DR	St Cuthbert Mayne School	TQ1 4RN
Churston Ferrers Grammar School Academy	TQ5 0LN	St Ives School	TR26 2BB
Clyst Vale Community College	EX5 3AJ	St James School	EX4 8NN
Court Fields School	TA21 8SW	St John's School, Sidmouth	EX10 8RG
Cranbrook Education Campus	EX5 3EE	St Peter's Church of England Aided School	EX2 5AP
Danesfield Church of England Voluntary Controlled Community Middle School	TA4 4SW	Stanchester Academy	TA14 6UG
Dawlish College	EX7 0BY	Stoke Damerel Community College	PL3 4BD
Eggbuckland Community College	PL6 5YB	Stover School	TQ12 6QG
Exmouth Community College	EX8 3AF	The Ilfracombe Church of England Academy	EX34 9JB
Hele's School, Plymouth	PL7 4LT	The Maynard School, Exeter	EX1 1SJ
Holyrood Academy	TA20 1JL	The Roseland Academy	TR2 5SE
Honiton Community College	EX14 1QT	The Spires College	TQ1 3PE
Isca, Exeter	EX2 6AP	The Woodroffe School, Bridport	DT7 3LX
King Edward VI Community College	TQ9 5JX	Torpoint School	PL11 2NH
Lipson Co-operative Academy	PL4 7PG	Torquay Academy	TQ2 7NU
Maiden Beech Academy	TA18 8HG	Torquay Boys' Grammar School	TQ2 7EL
Marine Academy Plymouth	PL5 2AF	Trinity School	TQ14 8LY
Marland School	EX38 8QQ	Uffculme School	EX15 3AG
Mayfield School	TQ2 8NH	UTC Plymouth	PL1 4RL
Mount Tamar School	PL5 2EF	Wadebridge School	PL27 6BU
Okehampton College	EX20 1PW	Westfield Academy	BA21 3EP

3. Summary of exhibitors for the Construction Zone

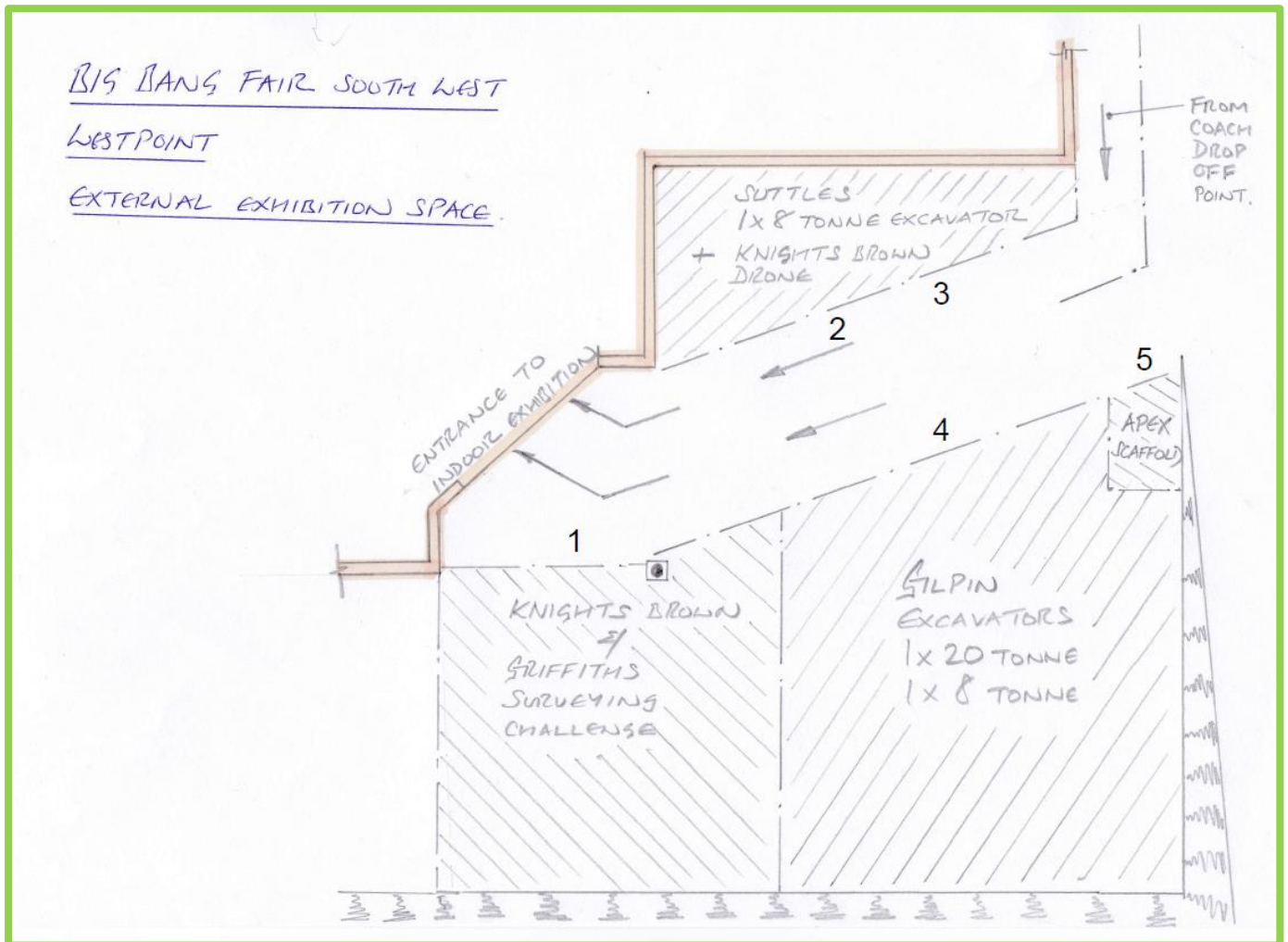
3.1 Indoors Zone:

Area	Activity	Lead	
1	Welcome to the Zone	Ivor Goodsite greeter	mi-space
2	Central Careers Hub under scaffolding structure with TV screen running time lapse footage and careers videos	Construction careers info point – under the scaffold build (1m by 1m structure, 5m high)	Apex Building Plymouth Building Greater Exeter
3	Build Challenge	AI robots	BAM
4	Build Challenge	Demolition simulator	Gilpin Demolition
5	Build Challenge	Interactive games	CITB
6	Build Challenge	Screwing competition against the clock	SASW
7	Build Challenge	Bricklaying competition	CITB
8	Engineering Challenges	A mix of virtual reality experiences, 3D modelling, Lego building, straw bridge building and a model of a submersible pump will be demonstrated	CECA
9	Engineering Challenge	Knex Challenge	NASC
10	Design Lab	Technology area -(3D printer, laptop for Revit and Sketch up) Modelling area - (materials to model) Build a City – visitors add to the city across the day	RIBA
11	Design Lab	VR fly through	Willmott Dixon
12	Design Lab	Immersive learning challenge	City College Plymouth



3.2 Outdoors Zone:

	Area	Activity	Lead
1	Engineering Challenge	Surveying challenge	CECA
2	Engineering Challenge	8 tonne Excavator	CECA
3	Engineering Challenge	Drone	CECA
4	Engineering Challenge	Demolition Excavators Challenge – 20 tonne and 8 tonne	Gilpin
5	Build Challenge	Scaffolding Challenge	Apex

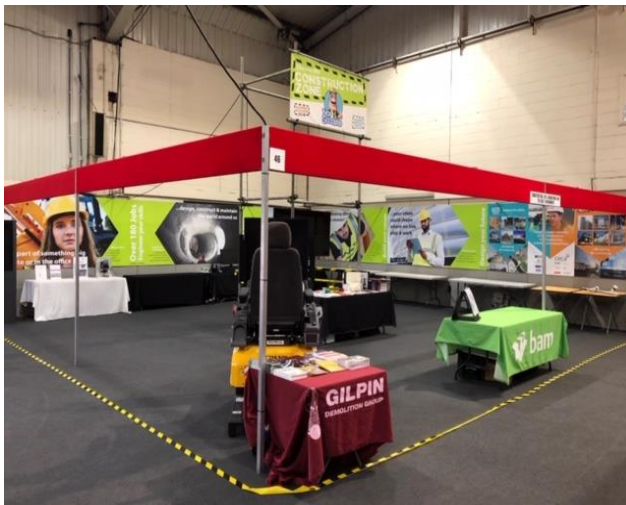


4. Photographs

- Brochure Advert:



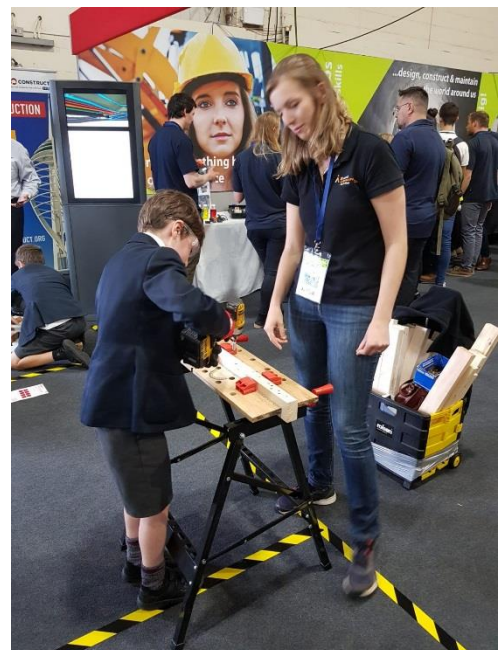
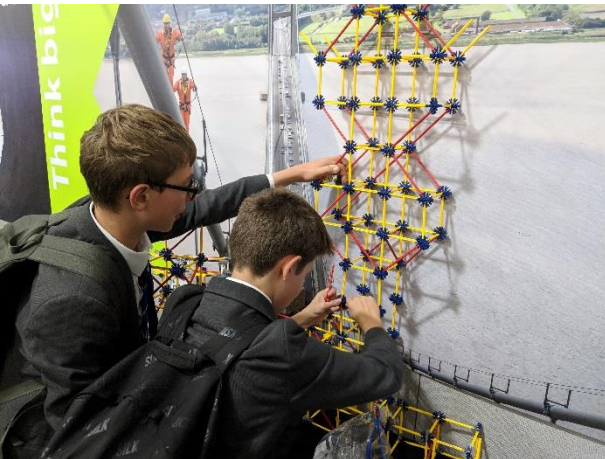
- The Stand:



■ Examples of the indoor activities (I):



■ Examples of the indoor activities (2):

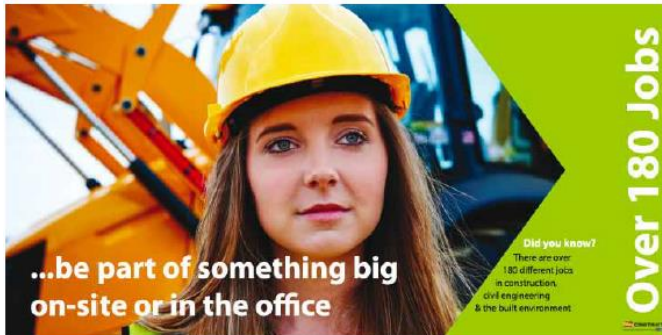


■ Examples of the Outdoor Activities:



5. Dressing

- As a backdrop for the Construction Zone we have created and invested in large inspirational panels which can be used for future events:



- The layout of the construction zone was planned precisely to ensure visitor flow, and good line up with the backdrops behind
- In the centre of the zone we created a scaffolding tower, with banners at the top encouraging visitors, a TV in the centre, and a careers information table at the bottom.
- We created a compilation of time lapse footage from contractors of local construction sites which played on the TV in the centre of the zone
- When visitors then went through to our outdoors zone they were given hard hats and Hi-Viz vests to wear, which was particularly popular with younger visitors

6. Awards

- The Big Bang Competition recognises and rewards young people's achievements in all areas of science, technology, engineering and maths (STEM), whilst providing them with the opportunity to build their skills and confidence in project-based work. The South West regional awards were presented during the event.
- Part of Building Plymouth and Building Greater Exeter's joint sponsorship of the event involved Matthew Cousins (Apex Scaffolding and Chair of Building Greater Exeter) presenting the award for STEM Club Project of the Year. The winning team were from Maiden Beech Academy



7. Visitor Feedback

The feedback from schools and pupils for the event as a whole was very positive:



And from the students who came through the construction zone on the day:



8. Exhibitor Feedback

Thank you to everyone who helped on the zone and provided feedback which was very positive and we're thrilled that you'd all like to join us again next year. We have taken all your feedback on board and a summary of key points as follows:

What worked well:

- Lots of hands on activities to engage attendees
- Ivor Goodsite and Sally Safesteps were popular
- Lanyards for staff
- Briefing at the beginning of each session

To improve on:

- Connecting indoor and outdoor activities for the Zone
- More hands on activities outside
- More stand space
- Obtaining exhibitor feedback at the end of the event

For event organisers:

- Better Wi-Fi
- Traffic congestion when all the exhibitors left at the end of the day
- Better management for flow from coaches



9. Social Media Breakdown

9.1 Twitter: Building Plymouth through Actuate Marketing

- 28 Tweets
- 4 new followers
- 229 profile visits
- 120 engagements
- 22 retweets
- 95 likes
- 21 mentions
- 13,126 impressions on day

Actuate.

9.2 Best performing tweets on the day

BuildingGreater... · 25/06/2019

At today's #BigBangSW on the construction zone, school children built a new town, hope @ExeterChiefs you like your new stadium?!

Impressions: 9929

Building Plymouth @buildplymouth · Jun 25

If you joined us this morning, this is what you made! 🙌 shame to break it up and start again really! @TBB_SouthWest @CITB_UK #Construction

Impressions: 1803

Building Plymouth @buildplymouth · Jun 25

A massive thank you to @plymouthbus for transporting students from #Plymouth to @TBB_SouthWest for free today 🙌 amazing offer and a huge help to ensure students can find out more about #Construction @WestpointExeter #Exeter

Impressions: 1564

Building Plymouth @buildplymouth · Jun 25

3D printing and everything here in the #Construction Zone! Incredible way of building things #3DPrinting #3DPrinter #Industry #Careers @TBB_SouthWest

Impressions: 1567

BuildingGreater... · 25/06/2019

A busy morning here @TBB_SouthWest with everyone getting involved in lots of exciting activities! More to come this afternoon. @buildplymouth

Impressions: 1147

Tweets of support on the day:

Phil Bailey @PhilBailey99 · Jun 26
 Fantastic start @tbb_southwest supporting @buildgreaterexe @buildplymouth busy day for the @BAMConstructUK team

2 9

CECA South West @CECASouthWest · Jun 26
 The CECA South West Foundations Group supporting @CECASouthWest @buildplymouth @BuildGreaterExe at the Big Bang event in Exeter @TBB_SouthWest What a great day! #BigBangSW #STEM #nextgeneration #CivilEngineering #infrastructure

1 5 10

Matthew Cousins @mattedcous · Jun 25
 Great day at the @TBB_SouthWest with @BuildGreaterExe and @buildplymouth. Huge honour to present an award too. Also as a former pupil, great to see @Stpetersexeter being so successful and heading for national competition

AJ Architects @AJ_ArchitectsUK · Jun 25
 Replying to @buildplymouth @TBB_SouthWest @BuildGreaterExe
 Fantastic day, well done team building Plymouth and build greater Exeter!!

3 8 1 5

CityPlyMHTS @CityHts · Jun 25
 Amazing day at this years @TBB_SouthWest with @buildplymouth over 90 young people and employers took part in the @cityplym #virtualreality experience and every one of them left with great comments #TheFuture #immersivlearning @CITB_UK @weareTheMoment

5 8

AJ Architects @AJ_ArchitectsUK · Jun 25
 So much fun at @TBB_SouthWest today!!! Come and see us in the #ConstructionZone with @buildplymouth & @BuildGreaterExe to find out more about a career in #construction #STEM

2 2 2

Graham Kingdon @GJK412 · Jun 25
 Great to see all the action and enthusiasm at the #bigbangfairSW at Exeter West point. @BAMConstructUK apprentices, @BAMNuttall @buildplymouth @BuildGreaterExe @SWSAApps and partners all inspiring potential future members of the industry! Well done everyone- thank you!

11 8

TheBigBangSouthWest @TBB_SouthWest · Jun 26
 Replying to @CECASouthWest @buildplymouth and 2 others
 It was a HUGE hit with the young people! Thank you all for your support we hope the Construction zone will make an appearance next year! #BigBangSW #STEM @buildplymouth @BuildGreaterExe @GilpinGroup

4 3


9.2 Facebook (Building Plymouth)

- 14 new fans

Top Facebook posts:

Building Plymouth
June 25 at 10:34 AM · 🌐

A massive thank you to Plymouth Citybus for transporting students from #Plymouth to The Big Bang Fair for free today 🚌 amazing offer and a huge help to ensure students can find out more about #Construction #Exeter



Performance for Your Post

4,032 People Reached

56 Reactions, Comments & Shares

38 Like	9 On Post	29 On Shares
2 Love	0 On Post	2 On Shares
14 Comments	0 On Post	14 On Shares
2 Shares	2 On Post	0 On Shares

288 Post Clicks

37 Photo Views	0 Link Clicks	251 Other Clicks
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NEGATIVE FEEDBACK

1 Hide Post	0 Hide All Posts
0 Report as Spam	0 Unlike Page

Reported stats may be delayed from what appears on posts


👍 **Get More Likes, Comments and Shares**
Boost this post for £25 to reach up to 9,500 people.

4,032 People Reached 344 Engagements [Boost Post](#)

👤 Hannah Susan Whiting, Tom O'Reilly and 7 others 2 Shares

Building Plymouth
June 25 at 10:49 AM · 🌐

Our adopted school Egguckland Community College are here! Trying out the Demolition tool from Gilpin. Fab to see our #Plymouth schools here enjoying the day #BigBang South West #Exeter #Construction



Performance for Your Post

1,331 People Reached

29 Reactions, Comments & Shares

22 Like	9 On Post	13 On Shares
2 Love	1 On Post	1 On Shares
3 Comments	2 On Post	1 On Shares
2 Shares	2 On Post	0 On Shares

133 Post Clicks

18 Photo Views	0 Link Clicks	115 Other Clicks
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NEGATIVE FEEDBACK

0 Hide Post	0 Hide All Posts
0 Report as Spam	0 Unlike Page

Reported stats may be delayed from what appears on posts

👍 **Get More Likes, Comments and Shares**
Boost this post for £25 to reach up to 9,500 people.

1,331 People Reached 162 Engagements [Boost Post](#)

👤 Mike Smith, Lyndsay Adams and 8 others 1 Comment 2 Shares

Facebook posts of support

AJ architects
June 26 at 8:12 AM · 🌐

Had a fantastic time at the #BigBangSW yesterday promoting architecture and the construction industry to all the schools from Exeter and Plymouth that visited.

A huge well done to everyone at Building Plymouth and Building Greater Exeter for putting everything together with an amazing team of people with awesome exhibits. So many inquisitive and inspired students!!

I also spent some time last night discussing mentoring Plymouth University degree students with other local architects, the RIBA SW and the head of architecture...if you're a Plymouth based practice and haven't yet signed up, please do!! It's great to be able to inspire, support and promote the industry in every way!







👤 Joanne Manville, Poppy Jakes Photography and 4 others

10. Big Bang 2020

- **SAVE THE DATE** – Next year the event will be over two days in the same venue:



Our reflections and ideas for next year include:

- Visitor arrivals: We will advise that coaches arriving to the venue should be managed in a better way so that visitors could utilise the outdoor activities before entering the venue
- Helpers: Given a clear role and responsibility for the day, with allocated break time. Helpers also help connect people to activities, introduce them and ensure a steady flow
- Signage: We will have clearer signage to the outdoor area to encourage more visitors and better 'flow' through to the outside area.
- Clothing: To make the event organisers more distinctive, black polo shirts with the Building Plymouth or Building Greater Exeter logo could be worn
- Central activity: Following its success and popularity we would like to move the 'Build a town' activity to the centre of the Construction Zone
- No pop-ups: Our Joining Instructions will more clearly state that there is a no pop-up rule which applies to every organisation. This is due to the backdrops being designed for the event to maximise visitor interest.
- No branded tablecloths: We will provide all tablecloths (plain black fabric)
- Video: Time-lapse footage of local construction projects will be played throughout the day– but will find a way to stop or reduce any IT issues so that it plays continually
- Outdoor activity location: We would like to move some or all outdoor activities to the space directly outside of the Construction Zone- this will depend on approval from the venue organisers.
- Exhibitor feedback: To ensure we get feedback from every exhibitor and helper, we will ask feedback forms to be filled on the day
- Exit: When exhibitors leave the venue, the traffic needs to be managed so that there is not a big delay

11. Thank you

Thank you so much to everyone who helped with the construction zone, we really appreciate all your support and it was a fantastic example of true collaboration and team spirit across the sector!



- A J Architects
- Apex
- BAM
- CECA
- CITB
- City College Plymouth
- Devon Construction Training Group
- Dyer & Butler
- Gilpin Demolition
- Griffiths
- Interserve
- Kier
- Knights Brown
- LHC
- mi-space
- Midas Construction
- Morgan Sindall
- NASC
- Shared Apprenticeships South West
- Stride Treglown
- Suttles
- Taylor Woodrow
- Willmott Dixon

Thank you to our sponsors who helped with additional financial support:



With special thanks to Paul Santer for organising the outdoor zone and for CECA's involvement

From us all many thanks again and we look forward to joining forces again next year for a bigger Big Bang!



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