

## TEACHER DELIVERY GUIDE

# Welcome to News Detectives Build the Change Tuesday








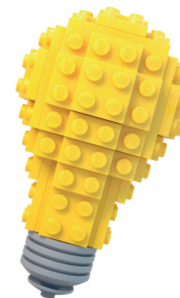
**News Detectives: Build the Change Tuesday** is our free weekly environmental news worksheet that can be used to fuel **learning through play**, collaboration and creative thinking in the classroom.

It is created by The Day in partnership with the **LEGO Group's Build the Change**, a global sustainability learning programme that uses play to help children express their hopes and ideas for a better future. Children use their creativity to solve real-world challenges with LEGO® bricks and other creative materials.

**News Detectives: Build the Change Tuesday** is designed to stimulate discussion and help young people find their voice. Every Tuesday, this environmental edition of News Detectives shines a light on what innovators and scientists around the world are doing to solve people and planet problems. Young people are encouraged to read the article and then challenged to design and build their own solution to the problem, using their imagination, pen, paper, recycled materials or LEGO bricks.

**These sessions can be delivered flexibly and the activities promote playful learning with links to:**

-  Geography
-  Science
-  PSHE (Living in the Wider World)
-  Citizenship
-  Design & Technology.



We want pupils to develop the knowledge and skills they need to become the green problem solvers and global citizens of the future.

**By taking part, pupils can enjoy a range of benefits including:**

- **Increased wellbeing** because play produces dopamine which improves mental health. When children are able to experiment they develop better resilience and this all helps foster a lifelong love of learning
- Enhanced **life skills** such as **physical skills** (fine motor skills), **social skills** (collaborating and communicating), **emotional skills** (empathising), **cognitive skills** (concentrating and adapting) and **creative skills** (innovating and problem solving)
- **Literacy skills** including vocabulary, reading, writing, speaking and listening
- **Oracy**, confidence and self-expression
- **Appreciation of nature** and compassion for the environment
- **Green skills** which include the knowledge, values, and attitudes we all need in order to build an environmentally sustainable future.



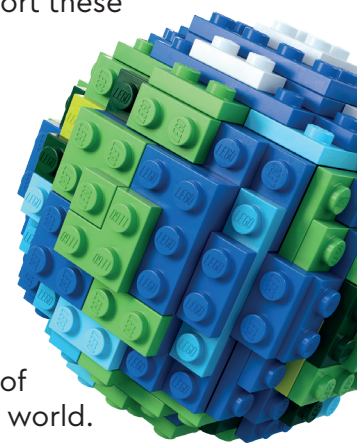
## What is News Detectives?

Every Tuesday, News Detectives is hosted in partnership with the LEGO Group's Build the Change and is made free for all schools, thanks to the LEGO Foundation. But News Detectives: Build the Change Tuesday worksheets on other themes are available daily as part of membership with The Day.

Our News Detectives team is made up of teachers and journalists who are constantly on the lookout for news stories that are relevant to children. We always report these stories in child-friendly ways. We publish stories that are:

- **Relevant**, important and engaging to children aged 7-14
- Reflective of our readers' **diverse voices and perspectives**
- **Interesting** and **understandable** to children
- **Never frightening or emotionally overwhelming**
- Encourage **real-world learning** to engage children in the curriculum.

Across the school week, The Day explores topics relating to different areas of the curriculum, allowing pupils to relate their classroom learning to the real world.



### Career Mondays

#### News

News stories that expose pupils to **a broad range of careers** and inspire them with diverse working role models.

#### Links

Links to PSHE (Living in the Wider World) and Gatsby Benchmark 4 - (Linking Curriculum Learning to Careers).

### Wellness Wednesdays

#### News

News stories **promoting health, fitness and wellbeing**, to motivate children into action and help them be their personal best.

#### Links

Links to PSHE (Health and Wellbeing) and PE.

### STEM Thursdays

#### News

News stories **showing science and tech in action**, and the STEM heroes who are making a difference to the world around us.

#### Links

Links to Science, Computing, Maths and Gatsby Benchmark 4 - (Linking Curriculum Learning to Careers).

### Culture Fridays

#### News

News stories that celebrate **all styles of art and culture**, introducing pupils to creative role models and their stories.

#### Links

Links to Art and Design, Design and Technology, PSHE (Living in the Wider World) and Benchmark 4 - (Linking Curriculum Learning to Careers).

To access the above News Detectives resources for use in the classroom or at home, you can sign up for a free trial to The Day [here](#).





## Why is Learning through Play important?

Because children are born to learn through play. Research has repeatedly shown that play experiences are not merely fun – play also has a critical and crucial role in learning and in preparing children for challenges in childhood and throughout adulthood. There is mounting evidence to show that learning through play is the best way to support learning. Children are natural scientists, artists and researchers – they come into the world curious, ready to experiment, learn about the world around them and construct meaning. They do this through play. And they use what they discover to not only adapt the structure of their brains, but also strengthen the skills they need to continue being engaged, flexible learners for their whole lives.

The LEGO Group believes that children should have more opportunities to be in charge of their play and their learning. When children get to make choices, try out different methods, and lead their own experiments, it makes all the difference to their learning. That doesn't mean adults shouldn't get involved. Just that we need to think in terms of guiding, rather than instructing: it's the difference between challenging children to build a tall tower that won't fall over (guiding) and simply telling them to widen the base (instructing).

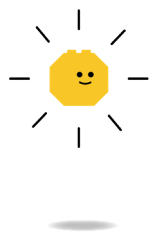
You can read more about the science behind learning through play [here](#).

## How can News Detectives: Build the Change and learning through play benefit your learners?

Research shows that people learn best from experiences that are joyful, that meaningfully connect the play to their lives, are actively engaging, allow testing things iteratively and are socially interactive. We've designed the News Detectives: Build the Change resource around these core principles.

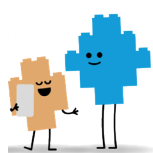


Here are some ideas to help you apply these principles and make the most of learning through play in your classroom.



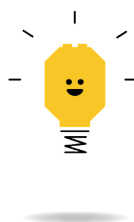
### 1. MAKE IT JOYFUL AND FUN.

Allow time for children to take on our Build the Change challenge and give pupils a chance to experience the joy of discovery. It's worth it. Joyful play sparks the brain's reward centres, triggering a feel-good chemical called dopamine. Higher dopamine is linked to better memory, attention, creativity, mental flexibility and motivation.



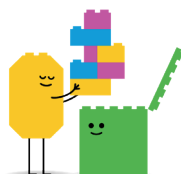
### 2. MAKE IT RELEVANT AND MEANINGFUL.

How can the **News Story** or the **Investigation of the Day** question included on the second page be related to your pupil's lived experiences? Playful learning is meaningful when it links new experiences – like seeing a horse in a field – to familiar ones – like the horse in a child's favourite picture book. Drawing those connections expands children's grasp of the world. And it lights up a number of different areas of the brain: motivation, sense-making, reflection and memory. Your role here is crucial.



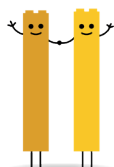
### 3. MAKE IT ACTIVELY ENGAGING.

Once you've set the **Build the Change** challenge or taken them outside to have a go at the weekly **Take Action** activity, make sure you stand back and let them take charge of their learning. Your role is to ask questions that spark ideas. Making decisions and pushing away distractions have long-term benefits for what's called 'executive control' – how we focus, plan, remember instructions and juggle tasks.



### 4. ENCOURAGE ITERATION AND RISK TAKING.

Practice makes... creative. Foster a growth mindset and create an environment where making mistakes is essential to learning. To get there, children will need practice and supportive adults but it will help them achieve and progress in all aspects of life. When children keep adapting and improving games, skills, ideas and activities, they're firing up reward and memory networks. In the long term, that's linked to flexible, innovative thinking.



### 5. MAKE IT SOCIAL AND COLLABORATIVE.

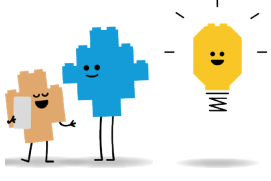
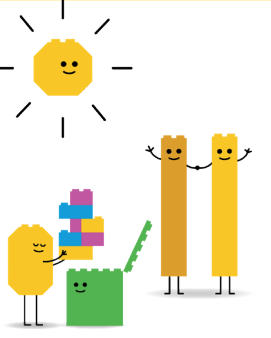
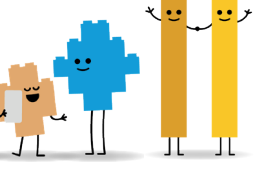

Humans are wired for connection, so allow children time and space to co-create with one another. Our **Build the Change** challenge and **Share their Ideas** activities allow children to explain their solutions or discuss the topic with their friends and family. Playing with others is often more fun – and it builds healthy relationships. That's crucial for better mental health, as well as teaching empathy and preparing the brain to deal with stresses and challenges throughout children's lives.

## Some ideas for delivering News Detectives: Build the Change Tuesdays in your classroom

You can deliver your session however you like, there's no right or wrong way. But we recommend making time in every session for both the news story and the Build the Change challenge. Our weekly sustainability news story explores people and planet problems and solutions and encourages discussion, which builds cultural capital and literacy skills. These conversations are necessary but they should always be positive. Learning through play is the perfect antidote to climate anxiety, because it sparks joy and builds skills. Exploring environmental issues in this way empowers children, giving them hope for the future and a sense of agency over environmental problems that could be overwhelming.

We've provided several options below for different ages and lengths of session. We've divided each of the suggested session plans below into the same three parts:

### IMMERSE - CREATE - SHARE

<p><b>IMMERSE</b></p>	<p>This is where you can explore the topic through the <b>NEWS STORY</b> and <b>INVESTIGATION OF THE DAY</b>. You have opportunities to make the learning meaningful and relevant to pupils' lives. You can actively engage pupils in a topic by exploring a problem that is being solved, before encouraging pupils to come up with their own solutions.</p>	
<p><b>CREATE</b></p>	<p>In this section you can use our <b>BUILD THE CHANGE CHALLENGE</b> to encourage <b>joyful</b> play, <b>iteration</b> and creative <b>risk-taking</b>. It's a good idea to encourage <b>collaboration</b> here, where possible.</p> <p>View our <a href="#">Build the Change Tuesday photo gallery</a> for inspiration.</p>	
<p><b>SHARE</b></p>	<p>Finally, try to build in time so that pupils can <b>SHARE THEIR IDEAS</b> with their peers and their grown ups as a home learning activity. Making the experience <b>social</b> is good for their wellbeing, it makes the learning even more <b>meaningful</b> and helps them build important social and emotional skills too.</p> <p>Don't forget to upload a photo of their work and optional 200 word max description to the <a href="#">BUILD THE CHANGE TUESDAY GALLERY</a> so we can celebrate the best ideas in our <b>BUILDER OF THE WEEK</b> feature! You can also access the gallery via the QR code.</p>	 




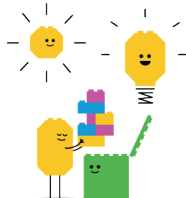

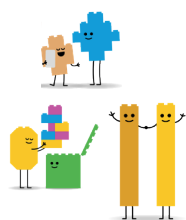






## Key Stage 2

Shorter session (if you have 25 - 30 minutes):


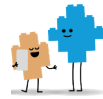

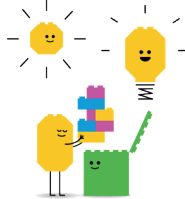
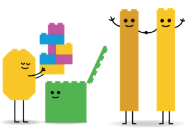
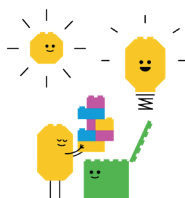
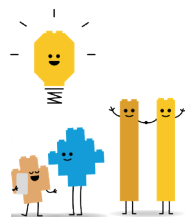
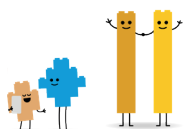
IMMERSE	1. Explore the <b>KEYWORDS</b> and the <b>BUILD YOUR KNOWLEDGE</b> sections, together.	2 mins	
	2. Read <b>TODAY'S NEWS STORY</b> . You might choose to do this together or independently, depending on your class.	5 mins	
	3. Use the <b>WWWWWH?</b> questions to check their understanding.	3 mins	
CREATE	4. Start the <b>BUILD THE CHANGE CHALLENGE</b> , using pen and paper, recycled materials or LEGO bricks.	10 mins	
SHARE	5. Pupils share their ideas and solutions as a class or with a partner. Together they think of ways they could improve their designs.	5 mins	
<b>HOME LEARNING (OPTIONAL):</b> Pupils can show their designs to their family and finish their <b>BUILD THE CHANGE CHALLENGE</b> in their own time, using pen and paper, recycled materials or LEGO bricks. Don't forget to share it with us so it can be displayed in our Build the Change Gallery.			





## Key Stage 2

Longer session (if you have 50 minutes or more):


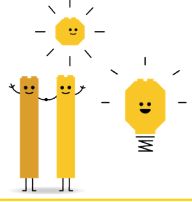

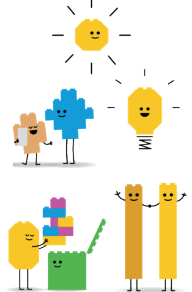
IMMERSE	Give students time to read the <b>KEYWORDS</b> , <b>WHAT YOU NEED TO KNOW</b> and <b>TODAY'S NEWS STORY</b> independently, or as a class.	2 mins	
	2. Read <b>TODAY'S NEWS STORY</b> . You might choose to do this together or independently, depending on your class.	5 mins	
	3. Use the <b>WWWWWH?</b> questions to check their understanding.	3 mins	
CREATE	4. Start the <b>BUILD THE CHANGE CHALLENGE</b> , using pen and paper, recycled materials or LEGO bricks.	10 mins	
	5. Pupils share their ideas and solutions as a class or with a partner. Together they think of ways they could improve their designs.	10 mins	
	6. Complete the <b>BUILD THE CHANGE CHALLENGE</b> , using pen and paper, recycled materials or LEGO bricks.	10 mins	
SHARE	7. Explore the <b>INVESTIGATION QUESTION</b> in the header. <b>DISCUSS THE QUESTION</b> . What do they think? Think, pair, share. If you have time, you could plan or carry out the <b>TAKE ACTION</b> challenge.	10 mins or more	
<b>HOME LEARNING (OPTIONAL):</b> <b>REPORT BACK.</b> Encourage them to prepare a report that could be shared with their families and the rest of the school.			



## Key Stage 3

Shorter session (if you have 20 minutes e.g. during Tutor Time):



IMMERSE	Give students time to read the <b>KEYWORDS</b> , <b>WHAT YOU NEED TO KNOW</b> and <b>TODAY'S NEWS STORY</b> independently, or as a class.	5 mins	
	Use the <b>WWWWWH?</b> questions to check their understanding. Ask students to share their questions and initial thoughts.	2 mins	
CREATE	Start the <b>BUILD THE CHANGE CHALLENGE</b> in pairs or teams, using pen and paper.	10 mins	
SHARE	Students share their ideas with another pair. Together they think of at least one way they could improve their designs.	3 mins	
<b>HOME LEARNING (OPTIONAL):</b> Individually, they finalise their <b>BUILD THE CHANGE CHALLENGE</b> designs on paper, applying the improvements they came up with in class and labelling their design features and solutions. They could use LEGO bricks, craft or recycled materials to create a 3D building of their designs.  You could give students a copy of the worksheet to take home, so they can share the sustainability news story and their solution with their family.			







## Key Stage 3

Longer session (if you have a 50 minutes or more e.g. a Geography or PSHE lesson):


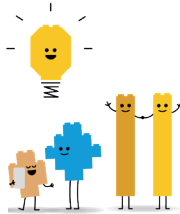
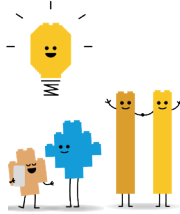
IMMERSE	<b>Starter:</b> Write the headline on the board, before you look at the story. What do students think the story will be about?	2 mins	
	Give students time to read the <b>KEYWORDS</b> , <b>WHAT YOU NEED TO KNOW</b> and <b>TODAY'S NEWS STORY</b> independently.	5 mins	
	Read <b>TODAY'S NEWS STORY</b> as a class. Ask students to take it in turns to read aloud.	5 mins	
	Use the <b>CHECK YOUR FACTS</b> questions to check their understanding. Ask students to share their questions and initial thoughts. If you have access to the internet, you could research answers to any questions.	3 mins	
CREATE	Start the <b>BUILD THE CHANGE CHALLENGE</b> in pairs or small teams, using pen and paper, recycled materials or LEGO bricks.	10 mins	
	Students share their solutions or ideas with another team. Together they think of ways they could improve their designs.	5 mins	
	Complete the <b>BUILD THE CHANGE CHALLENGE</b> , using pen and paper, recycled materials or LEGO bricks. Students should incorporate feedback into their final designs.	10 mins	





## Key Stage 3

(cont)

<p><b>SHARE</b></p>	<p>Allow time for students to share their final <b>BUILD THE CHANGE CHALLENGE</b> designs. Create a gallery of designs around the room. Teams could anonymously vote for their favourite solution. You could give feedback based on how well they:</p> <ol style="list-style-type: none"> <li>1. Understood the people or planet problem</li> <li>2. Came up with an innovative solution and/or took creative risks</li> <li>3. Collaborated as a team</li> <li>4. Responded well to challenges and incorporated feedback into their designs</li> <li>5. Communicated their ideas</li> </ol>	<p>10 mins</p>	
	<p><b>Extension:</b> If you have longer, you could finish with a class discussion of the <b>INVESTIGATION OF THE DAY QUESTION</b>. Think, pair, share. What do they think?  If you have time left over, plan or complete the <b>TAKE ACTION</b> challenge.  Alternatively, you could set these as <b>HOME LEARNING</b> tasks.</p>		
<p><b>HOME LEARNING (OPTIONAL):</b> Encourage them to <b>SHARE THEIR IDEAS</b> and prepare a report (this could be an article, podcast, vlog, presentation, poster, persuasive speech, assembly or play) which could be shared with the rest of the school, inspired by the news story, their solutions or the <b>INVESTIGATION OF THE DAY QUESTION</b>.  Alternatively, encourage them to share the sustainability <b>NEWS STORY</b> with their family and take on the <b>TAKE ACTION CHALLENGE</b> at home. They should create a report or document their experience.</p>			



Don't forget to upload a photo of their work and optional 200 word max description to the [BUILD THE CHANGE TUESDAY GALLERY](#) so we can celebrate the best ideas in our **BUILDER OF THE WEEK** feature! You can also access the gallery via this QR code.

For any questions or to share your story about how you're using **Build the Change Tuesday**, please email us at [buildthechange@theday.co.uk](mailto:buildthechange@theday.co.uk).

Your free **Build the Change Tuesday** news worksheet is published at 6.30am every Tuesday at [theday.co.uk/resources/build-the-change-tuesday](http://theday.co.uk/resources/build-the-change-tuesday).

